To: Nicholas J. Gallo(nytmdocket@troutman.com)

Subject: U.S. Trademark Application Serial No. 97622822 - SNOWSTORM

Sent: January 29, 2024 06:45:08 PM EST

Sent As: tmng.notices@uspto.gov

Attachments

Azure Elastic SAN 06.jpg Azure Elastic SAN 07.jpg Azure Elastic SAN 08.jpg Azure Elastic SAN 09.jpg

screencapture-cloud-google-com-hybrid-connectivity-17061161187231 screencapture-www-studionetworksolutions-com-products-17061162787731 screencapture-www-perimeter81-com-solutions-what-is-a-cloud-vpn-17061163082461 screencapture-www-perimeter81-com-global-backbone-network-17061164488061 screencapture-www-perimeter81-com-zero-trust-network-access-17061165099951 screencapture-www-perimeter81-com-hybrid-swg-17061165584481 screencapture-aviatrix-com-learn-center-cloud-security-site-to-cloud-vpn-17061168174781 screencapture-aviatrix-com-secure-cloud-networking-products-17061168519561 screencapture-aviatrix-com-cloud-network-and-security-operations-17061168929101 AWS Client VPN 01.jpg AWS Client VPN 02.jpg AWS Client VPN 03.jpg AWS Client VPN 04.jpg AWS Client VPN 05.jpg AWS Cloud Computing 01.jpg AWS Cloud Computing 02.jpg AWS Cloud Computing 03.jpg AWS Cloud Computing 04.jpg AWS Cloud Computing 05.jpg AWS Cloud Computing 06.jpg AWS Cloud Computing 07.jpg AWS Cloud Computing 08.jpg AWS Cloud Storage 01.jpg AWS Cloud Storage 02.jpg AWS Cloud Storage 03.jpg AWS Cloud Storage 04.jpg AWS Cloud Storage 05.jpg AWS Cloud Storage 06.jpg AWS Cloud Storage 07.jpg AWS Cloud Storage 08.jpg Azure Elastic SAN 01.jpg Azure Elastic SAN 02.jpg Azure Elastic SAN 03.jpg Azure Elastic SAN 04.jpg Azure Elastic SAN 05.jpg

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Azure Virtual Machines 01.jpg
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Oracle Site-to-Site VPN 01.jpg
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Server Space Block Storage 01.jpg
Server Space Block Storage 02.jpg
Server Space Block Storage 03.jpg
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Server Space VMware Cloud 01.jpg
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Server Space VMware Cloud 03.jpg
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United States Patent and Trademark Office (USPTO) Office Action (Official Letter) About Applicant's Trademark Application

U.S. Application Serial No. 97622822

Mark: SNOWSTORM

Correspondence Address:

Nicholas J. Gallo Troutman Pepper Hamilton Sanders LLP 70 Linden Oaks, Suite 210 Rochester NY 14625 UNITED STATES

Applicant: Serene Han

Reference/Docket No. N/A

Correspondence Email Address: nytmdocket@troutman.com

FINAL OFFICE ACTION

Response deadline. File a request for reconsideration of this final Office action and/or a timely appeal to the Trademark Trial and Appeal Board (TTAB) within three months of the "Issue date" below to avoid <u>abandonment</u> of the application. Review the Office action and respond using one of the links below to the appropriate electronic forms in the "How to respond" section below.

Request an extension. For a fee, applicant may request one three-month extension of the response

deadline prior to filing a response and/or an appeal. The request must be filed within three months of the "Issue date" below. If the extension request is granted, the USPTO must receive applicant's response and/or appeal within six months of the "Issue date" to avoid abandonment of the application.

Issue date: January 29, 2024

Introduction

This Office action is in response to applicant's communication filed on January 19, 2024.

In a previous Office action(s) dated July 26, 2023, the trademark examining attorney refused registration of the applied-for mark based on the following: Trademark Act Section 2(d) for a likelihood of confusion with a registered mark. In addition, applicant was required to satisfy the following requirement: amend the identification of services.

Based on applicant's response, the trademark examining attorney notes that the following requirement(s) have been satisfied: applicant sufficiently responded to the identification of services requirement and a definite amended identification has been provided. *See* TMEP §§713.02, 714.04.

Applicant's arguments with respect to the Section 2(d) refusal have been considered and found unpersuasive for the reason(s) set forth below. Therefore, the trademark examining attorney maintains and now makes FINAL the refusal(s) and/or requirement(s) in the summary of issues below. *See* 37 C.F.R. §2.63(b); TMEP §714.04.

Summary Of Issues Made Final

• Section 2(d) - Likelihood of Confusion Refusal

Section 2(d) - Likelihood of Confusion Refusal

Registration of the applied-for mark is refused because of a likelihood of confusion with the mark in U.S. Registration No. **6750204**. Trademark Act Section 2(d), 15 U.S.C. §1052(d); *see* TMEP §§1207.01 *et seq*. See the previously attached registration.

Trademark Act Section 2(d) bars registration of an applied-for mark that is so similar to a registered mark that it is likely consumers would be confused, mistaken, or deceived as to the commercial source of the goods and/or services of the parties. See 15 U.S.C. §1052(d). Likelihood of confusion is determined on a case-by-case basis by applying the factors set forth in *In re E. I. du Pont de Nemours & Co.*, 476 F.2d 1357, 1361, 177 USPQ 563, 567 (C.C.P.A. 1973) (called the "du Pont factors"). *In re i.am.symbolic, llc*, 866 F.3d 1315, 1322, 123 USPQ2d 1744, 1747 (Fed. Cir. 2017). Any evidence of record related to those factors need be considered; however, "not all of the *DuPont* factors are relevant or of similar weight in every case." *In re Guild Mortg. Co.*, 912 F.3d 1376, 1379, 129 USPQ2d 1160, 1162 (Fed. Cir. 2019) (quoting *In re Dixie Rests., Inc.*, 105 F.3d 1405, 1406, 41 USPQ2d 1531, 1533 (Fed. Cir. 1997)).

Although not all *du Pont* factors may be relevant, there are generally two key considerations in any likelihood of confusion analysis: (1) the similarities between the compared marks and (2) the relatedness of the compared goods and/or services. *See In re i.am.symbolic, llc*, 866 F.3d at 1322, 123 USPQ2d at 1747 (quoting *Herbko Int'l, Inc. v. Kappa Books, Inc.*, 308 F.3d 1156, 1164-65, 64 USPQ2d 1375, 1380 (Fed. Cir. 2002)); *Federated Foods, Inc. v. Fort Howard Paper Co.*, 544 F.2d

1098, 1103, 192 USPQ 24, 29 (C.C.P.A. 1976) ("The fundamental inquiry mandated by [Section] 2(d) goes to the cumulative effect of differences in the essential characteristics of the goods [or services] and differences in the marks."); TMEP §1207.01.

Applicant has applied to register the mark SNOWSTORM in standard characters for the following amended goods and services "Downloadable VPN (virtual private network) operating software; downloadable computer software transmission of encrypted communications; downloadable computer software which facilitates the routing of communications; downloadable computer software for encrypting communications through a secure and private connection over the Internet" in International Class 009, "Providing virtual private network (VPN) services; providing users with secure remote access via the Internet to private computer networks; transmission of encrypted communications through secure and private connections over the Internet " in International Class 038, and for "Design and development of virtual private network (VPN) operating software; providing temporary use of online non-downloadable VPN (virtual private network) operating software; software as a service (SaaS) services featuring software for transmission of encrypted communications through secure and private connections over the Internet" in International Class 042.

Registrant's mark is SNOWSTORM in standard characters for "Software as a service (SaaS) services featuring software for data analytics services, data integration, data management services, quality control of data, cloud computing, providing virtual computer systems through cloud computing, providing data fabric services; Computerized data storage services; Data storage, other than physical storage; Advisory services relating to computer software; Development of computer systems for the processing of data; Development of computer systems for the storage of data; Development of computer systems for the transmission of data" in International Class 042.

Similarity of the Marks

In a likelihood of confusion determination, the marks in their entireties are compared for similarities in appearance, sound, connotation, and commercial impression. *In re i.am.symbolic, llc*, 866 F.3d 1315, 1323, 123 USPQ2d 1744, 1748 (Fed. Cir. 2017); *Stone Lion Capital Partners, LP v. Lion Capital LLP*, 746 F.3d 1317, 1321, 110 USPQ2d 1157, 1160 (Fed. Cir. 2014) (quoting *Palm Bay Imps., Inc. v. Veuve Clicquot Ponsardin Maison Fondee En 1772*, 396 F.3d 1369, 1371, 73 USPQ2d 1689, 1691 (Fed. Cir. 2005)); *In re E. I. du Pont de Nemours & Co.*, 476 F.2d 1357, 1361, 177 USPQ 563, 567 (C.C.P.A. 1973); TMEP §1207.01(b)-(b)(v).

In the present case, applicant's mark is SNOWSTORM and registrant's mark is SNOWSTORM. These marks are identical in appearance, sound, and meaning, "and have the potential to be used . . . in exactly the same manner." *In re i.am.symbolic, llc*, 116 USPQ2d 1406, 1411 (TTAB 2015), *aff'd*, 866 F.3d 1315, 123 USPQ2d 1744 (Fed. Cir. 2017). Additionally, because they are identical, these marks are likely to engender the same connotation and overall commercial impression when considered in connection with applicant's and registrant's respective goods and/or services. *Id*.

Therefore, the marks are confusingly similar.

Relatedness of the Goods and/or Services

The goods and/or services are compared to determine whether they are similar, commercially related, or travel in the same trade channels. *See Coach Servs., Inc. v. Triumph Learning LLC*, 668 F.3d 1356, 1369-71, 101 USPQ2d 1713, 1722-23 (Fed. Cir. 2012); *Herbko Int'l, Inc. v. Kappa Books, Inc.*, 308

The compared goods and/or services need not be identical or even competitive to find a likelihood of confusion. *See On-line Careline Inc. v. Am. Online Inc.*, 229 F.3d 1080, 1086, 56 USPQ2d 1471, 1475 (Fed. Cir. 2000); *Recot, Inc. v. Becton*, 214 F.3d 1322, 1329, 54 USPQ2d 1894, 1898 (Fed. Cir. 2000); TMEP §1207.01(a)(i). They need only be "related in some manner and/or if the circumstances surrounding their marketing are such that they could give rise to the mistaken belief that [the goods and/or services] emanate from the same source." *Coach Servs., Inc. v. Triumph Learning LLC*, 668 F.3d 1356, 1369, 101 USPQ2d 1713, 1722 (Fed. Cir. 2012) (quoting *7-Eleven Inc. v. Wechsler*, 83 USPQ2d 1715, 1724 (TTAB 2007)); TMEP §1207.01(a)(i); *see Made in Nature, LLC v. Pharmavite LLC*, 2022 USPQ2d 557, at *44 (TTAB 2022) (quoting *In re Jump Designs LLC*, 80 USPQ2d 1370, 1374 (TTAB 2006)).

Here, applicant's amended goods and/or services, "Downloadable VPN (virtual private network) operating software; downloadable computer software transmission of encrypted communications; downloadable computer software which facilitates the routing of communications; downloadable computer software for encrypting communications through a secure and private connection over the Internet; Providing virtual private network (VPN) services; providing users with secure remote access via the Internet to private computer networks; transmission of encrypted communications through secure and private connections over the Internet; Design and development of virtual private network (VPN) operating software; providing temporary use of online non-downloadable VPN (virtual private network) operating software; software as a service (SaaS) services featuring software for transmission of encrypted communications through secure and private connections over the Internet," are closely related to registrant's goods and/or services, "Software as a service (SaaS) services featuring software for data analytics services, data integration, data management services, quality control of data, cloud computing, providing virtual computer systems through cloud computing, providing data fabric services; Computerized data storage services; Data storage, other than physical storage; Advisory services relating to computer software; Development of computer systems for the processing of data; Development of computer systems for the storage of data; Development of computer systems for the transmission of data."

Internet evidence, In the present case, the attached consisting of screenshots from Google, sns, perimeter 81, and aviatrix, shows entities that provide cloud VPN services are also offering shared server storage, or shows that a single source connects VPN and storage. Further, the attached evidence from AWS, Azure, Server Space, Oracle, and Tencent Cloud, shows entities that offer VPN services also provide cloud computing and/or data storage, all under the same mark. Also, the previously attached evidence from MySQL, ConnectWise, Acronis, WinMagic, and CloudFlare, shows entities that offer software for encryption are also offering software for analytics, data management and/or data storage. This evidence establishes that the same entity commonly manufactures, produces, or provides the relevant goods and/or services and markets the goods and/or services under the same mark. Thus, applicant's and registrant's goods and/or services are considered related for likelihood of confusion purposes. See, e.g., In re Davey Prods. Pty Ltd., 92 USPQ2d 1198, 1202-04 (TTAB 2009); In re Toshiba Med. Sys. Corp., 91 USPQ2d 1266, 1268-69, 1271-72 (TTAB 2009).

Furthermore, cloud VPN services are both providing "software as a service (SaaS) services featuring software for transmission of encrypted communications through secure and private connections over the Internet" and "Software as a service (SaaS) services featuring software for...cloud computing, providing virtual computer systems through cloud computing...," so those goods or services are legally identical. *See, e.g., In re i.am.symbolic, llc,* 127 USPQ2d 1627, 1629 (TTAB 2018).

Additionally, the identifications have no relevant restrictions as to channels of trade or classes of purchasers, so these sets of goods or services are therefore "presumed to travel in the same channels of trade to the same class of purchasers." In re Viterra Inc., 671 F.3d 1358, 1362, 101 USPQ2d 1905, 1908 (Fed. Cir. 2012). Accordingly, applicant's and registrant's goods and services are related.

In applicant's response, applicant argues that the respective software have different functions, and registrant's software has nothing to do with VPN. Applicant's arguments are not persuasive because the fact that the goods and/or services of the parties differ is not controlling in determining likelihood of confusion. The issue is not likelihood of confusion between particular goods and/or services, but likelihood of confusion as to the source or sponsorship of those goods and/or services. *In re Majestic Distilling Co.*, 315 F.3d 1311, 1316, 65 USPQ2d 1201, 1205 (Fed. Cir. 2003); *In re Shell Oil Co.*, 992 F.2d 1204, 1208, 26 USPQ2d 1687, 1689 (Fed. Cir. 1993); TMEP §1207.01. Here, the evidence of record shows that cloud VPN offers both applicant's and regsitrant's software, and that VPN services and storage services are of a kind that emanate from a single source.

Additionally, applicant argues that the goods and services are offered in different trade channels and to different consumers. Neither the registration nor application contain exclusionary or limiting language. Thus, in the absence of limitations as to channels of trade or classes of purchasers in the goods and/or services in the registration, the presumption is that the goods and/or services move in all trade channels normal for such goods and/or services and are available to all potential classes of ordinary consumers of such goods and/or services. *See In re I-Coat Co.*, 126 USPQ2d 1730, 1737 (TTAB 2018); *In re Melville Corp.*, 18 USPQ2d 1386, 1388 (TTAB 1991); TMEP §1207.01(a)(iii).

Moreover, where the marks of the respective parties are identical or virtually identical, as in this case, the degree of similarity or relatedness between the goods and/or services needed to support a finding of likelihood of confusion declines. *See In re Country Oven, Inc.*, 2019 USPQ2d 443903, at *5 (TTAB 2019) (citing *In re i.am.symbolic, llc*, 116 USPQ2d 1406, 1411 (TTAB 2015), *aff'd*, 866 F.3d 1315, 123 USPQ2d 1744 (Fed. Cir. 2017)); TMEP §1207.01(a); *see also In re Shell Oil Co.*, 992 F.2d 1204, 1207, 26 USPQ2d 1687, 1689 (Fed. Cir. 1993).

The overriding concern is not only to prevent buyer confusion as to the source of the goods and/or services, but to protect the registrant from adverse commercial impact due to use of a similar mark by a newcomer. See In re Shell Oil Co., 992 F.2d 1204, 1208, 26 USPQ2d 1687, 1690 (Fed. Cir. 1993). Therefore, any doubt regarding a likelihood of confusion determination is resolved in favor of the registrant. TMEP §1207.01(d)(i); see Hewlett-Packard Co. v. Packard Press, Inc., 281 F.3d 1261, 1265, 62 USPQ2d 1001, 1003 (Fed. Cir. 2002); In re Hyper Shoppes (Ohio), Inc., 837 F.2d 463, 464-65, 6 USPQ2d 1025, 1026 (Fed. Cir. 1988).

Accordingly, the goods and/or services are considered related for purposes of the likelihood of confusion analysis.

Conclusion

Because the marks are identical and the goods and/or services are related, there is a likelihood of confusion as to the source of applicant's goods and/or services, and refusal to register the applied-for mark pursuant to Section 2(d) of the Trademark Act is now made final.

How to respond. File a request form for reconsideration of this final Office action that fully

resolves all outstanding requirements and/or refusals and/or file a timely <u>appeal form to the</u> <u>Trademark Trial and Appeal Board</u> with the required fee(s). Alternatively, applicant may file a <u>request form for an extension of time to file a response</u> for a fee.

/Sahar Nasserghodsi/ Sahar Nasserghodsi Examining Attorney LO115--LAW OFFICE 115 (571) 272-9192 Sahar.Nasserghodsi@USPTO.GOV

RESPONSE GUIDANCE

- Missing the deadline for responding to this letter will cause the application to <u>abandon</u>. A response, appeal, or extension request must be received by the USPTO on or before 11:59 p.m. Eastern Time of the last day of the response deadline. Trademark Electronic Application System (TEAS) and Electronic System for Trademark Trials and Appeals (ESTTA) <u>system availability</u> could affect an applicant's ability to timely respond. For help resolving technical issues with TEAS, email <u>TEAS@uspto.gov</u>.
- Responses signed by an unauthorized party are not accepted and can cause the application to abandon. If applicant does not have an attorney, the response must be signed by the individual applicant, all joint applicants, or someone with <u>legal authority to bind a juristic applicant</u>. If applicant has an attorney, the response must be signed by the attorney.
- If needed, **find contact information for the supervisor** of the office or unit listed in the signature block.

https://cloud.google.com/hybrid-connectivity at 12.08.53, 01/24/2024

Google Cloud

Features

How It Works

Common Uses

Connecting on-prem to Google Cloud

Get data into Google Cloud

S 5 5 5

Multicloud networking connectivity

Use Google Cloud to

Pricing

Partners & Integration

Announcing 200 GB free Standard Tier internet data transfer per month.

Google Cloud Connectivity

Connect to Google Cloud on your terms, from anywhere

Extend on-premises and other cloud networks to Google Cloud with highly available, low latency connections through Cloud VPN or Dedicated, Partner, or Cross-Cloud Interconnect

Try it free

New customers can use \$300 in free credits to spend on Cloud VPN, Dedicated Interconnect, and Partner Interconnect

Product highlights

- Connections for every workload to support any amount of data
- Use Google Cloud to connect to AWS,
 Azure, and Oracle Cloud
- Guaranteed uptime of 99.99% throug Dedicated Interconnect



Announcing Cross - Cloud Interconnect

FEATURES

Flexible, low-cost VPN

For low-volume data connections, <u>Cloud VPN</u> offers a lower cost option that delivers 1.5–3.0 Gbps over an encrypted public internet connection. Cloud VPN's flexible routing options allow you to use static or <u>dynamic routing</u> to connect to different VPN gateways.



VIDE

Discover Cross-Cloud Network: Redefining modern distributed app connectivity

6:05

PSC over interconnect

Enable access from on-prem and public cloud to 3P SaaS services hosted on Google Cloud and 1P Google services through <u>Private Service Connect (PSC) over interconnect.</u>

How It Works

Common Uses

Connecting on-prem to Google Cloud

Get data into Google Cloud

Use Google Cloud to connect sites

Pricing

Partners & Integration

How It Works

Common Uses

Connecting on-prem to Google Cloud

Bidirectional Forwarding Detection	Enable fast <u>forwarding path outage detection</u> on Border Gateway Protocol (BGP) sessions and failover traffic to alternate healthy links.

HA VPN over interconnect

Enable private, encrypted access to your VPC from your on-premises environment through $\underline{\text{HA VPN}}$ over interconnect.

Connectivity options

Connectivity Google Cloud connections options				
Google Cloud connections	Description	Best for		
<u>Dedicated Interconnect</u>	Direct physical connections between your on-premises network and Google's network	Transferring encrypted sensitive data that requires 10GB or more pipe		
Partner Interconnect	Connects on-premises networks and Virtual Private Cloud (VPC) networks through a supported service provider	Data needs that don't need a 10-Gbps connection		
Cross-Cloud Interconnect	Provides a secure, high bandwidth, managed service connecting Google Cloud directly to third-party cloud providers	Connecting to AWS, Azure, or Oracle Cloud		
Cloud VPN	Securely connects your peer network to your Virtual Private Cloud (VPC) network through an IPsec VPN connection	Extending your data center to the cloud for non-encrypted information		
Peering with Google	A direct peering connection between your on-premises network and	Connecting to Google Workspace		

Pricing

Partners & Integration

How It Works

Common Uses

Connecting on-prem to Google Cloud

Get data into Google Cloud

Multicloud networking connectivity

Use Google Cloud to connect sites

Pricing

Partners & Integration

Learn more about Cloud Connectivity

HOW IT WORKS

Google Cloud customers can connect to Google via enterprise-grade connections with higher availability and/or lower latency than their existing internet connections. Options include Direct Peering, Carrier Peering, Dedicated Interconnect, Partner Interconnect, and Cross-Cloud

Choose a product



COMMON USES

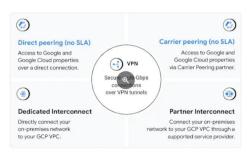
Connecting on-prem to Google Cloud

Learning resources

Connecting on-premises environments to Google Cloud VPCs

Get highly available, low latency connections to Google Cloud using Dedicated Interconnect or Partner Interconnect.

Learn more about choosing the right hybrid connectivity option



Learn best practices for Cloud Interconnect

Explore the list of supported service providers for Partner Interconnect

Get data into Google Cloud

Learning resources



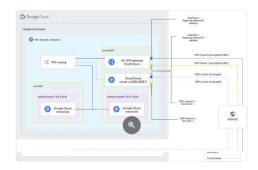
Secure connectivity

Learning resources

Securely connect to Google Cloud over the public internet

Cloud VPN offers a low-cost option that securely connects you over an encrypted public internet.

Get an overview of Cloud VPN



How It Works

How It Works

Connecting on-prem to Google Cloud

Multicloud networking connectivity

Partners & Integration

Pricing

Common Uses

Connecting on-prem to

How to add a VPN tunnel

Planning and configuring Cloud VPN

Use Cloud Logging to monitor and troubleshoot

Google Cloud your Cloud VPN connections Get data into Google Cloud Multicloud networking connectivity Multicloud networking connectivity Learning resources Use Google Cloud to connect sites Pricing Simple way to connect to multiple clouds Partners & Integration Provides a secure, high bandwidth, managed service connecting Google Cloud directly to third-party cloud providers—AWS, Azure, and Oracle Cloud. Get an overview of Cross-Cloud Interconnect Corrpute Engine VMs ☐ Workload Blog: Announcing Cross-Cloud Interconnect Interconnect Interconnect How It Works Common Uses On-premises enterprise network On-premises enterprise network Connecting on-prem to Google Cloud Learn how to connect two sites using VPN spokes Learn how to create hubs and spokes Get an introduction to Network Connectivity Multicloud networking connectivity PRICING Pricing Partners & Integration **How Cloud Connectivity pricing works** Price table description

How It Works

Common Uses

Connecting on-prem to Google Cloud

Get data into Google Cloud

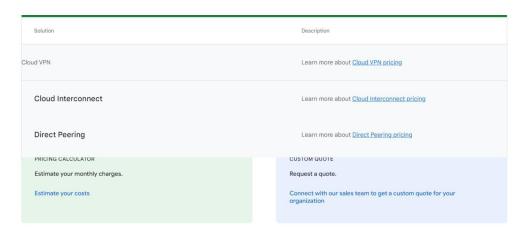
Secure connectivity

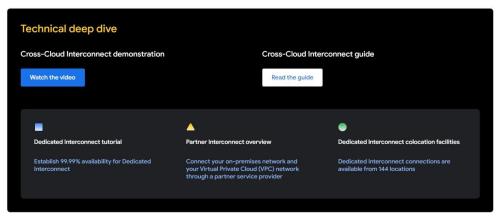
Multicloud networking connectivity

Use Google Cloud to connect sites

Partners & Integration

Pricing





How It Works

Common Uses

Connecting on-prem to Geogle Cloud

Overview Solutions Products Pricing Resources Contact Us

Q Docs Support English Sign in Start free

https://www.studionetworksolutions.com/products/ at 12:11:28, 01/24/2024

Learn about REMOTE WORKFLOW solutions, including Nomad and SNS Cloud VPN

sns

<u>Products</u> Workflow **∨** Support Watch News **∨**

EVO Shared Media Servers

Cloud and on-premise workflow solutions

The EVO shared storage video editing server gives professional media teams incredible performance and supercharged efficiency.

It offers a suite of workflow features for **on-site** and remote users, including the powerful and easy-to-use ShareBrowser MAM, Nomad, and Slingshot with cloud, NLE, and A.I. integrations.

Made for creative teams



SNS specializes in hardware, software, and cloud solutions for professional video, broadcast, VFX, and audio production.

Charad starage calistians for

Cloud and on-premise workflow solutions

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It offers a suite of workflow features for **on-site and remote users**, including the powerful and easy-to-use ShareBrowser MAM, Nomad, and Slingshot with cloud, NLE, and A.J. integrations.

Made for creative teams



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Shared storage solutions for media production teams

In your server room, on a desk, on location, or up in the cloud, EVO is a complete shared storage solution for on-site and remote workflows. Includes the EVO Suite for unlimited users.





High performance

EVO Cloud



MOD -



Compact server and

scalable storage for medium to large workgroups

The 16 bay EVO accommodates up to 80 drives per managed system and multiple 10, 25, 50, and 100GbE ports.

ost Popular System



Cloud workflow for video production

EVO Cloud is a complete and comprehensive cloud workflow for fully remote, hybrid, and multi-location editing teams.

ciouu euge uevice

Lightweight and portable, MOD is a compact edit server and cloud edge device all in one.

EVO 8 Bay



High performance shared storage for small to medium workgroups

The 8 bay EVO accommodates up to 24 drives per managed system and multiple 10, 25, 50, and 100GbE ports.

EVO 8 Bay Short Depth



Shared storage for DIT & mobile

An 18° EVO designed for big needs in tight spaces. Great for small server racks, flypacks, DIT, mobile, and other on-location workflows.

EVO Prodigy Desktop



Something big... figuratively speaking

EVO Prodigy Desktop is small, quiet, desktop storage for compressed workflows, mobile/field use, and studios without rack space.

EVO Prodigy 1U



Small, rackable workflow appliance

EVO Prodigy is ideal for studios with limited rack space, field use, and adding the EVO Suite to existing storage systems.

EVO Nearline



SNS Cloud VPN



Remote access from anywhere

SNS Cloud VPN is the safe, secure, and convenient way for your team to access, download, and edit shared files remotely.

Not just for EVO users!

Affordable nearline/secondary tier for staging large reference libraries, completed projects, and related media before deep archive.

Cluster-capable for scalability to multiple petabytes in a single namespace.

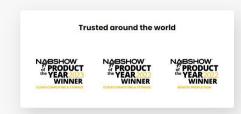
media and projects, from anywhere.

The EVO OS, systems, and all included software are designed by SNS, for professional media applications.

The award-winning EVO Suite, included

With every EVO

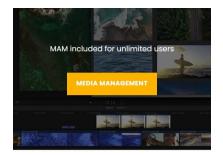
Every EVO shared storage solution includes the multi-award-winning EVO Suite of software tools, including ShareBrowser media asset manager, Slingshot transcode and automations engine, and Nomad for remote workflow.



For unlimited users. Period.



ShareBrowser



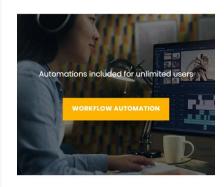
Search, find, tag, comment, preview, archive... for the whole team.

ShareBrowser is perfect for post-production teams that collaborate around a shared storage workflow, giving everyone a central, searchable database.

Includes panels for Premiere, After Effects, Final Cut Pro, and DaVinci Resolve.

Unlimited licenses of ShareBrowser are included with every EVO system.

Part of the EVO Suite.



Slingshot

Automated backups, transcodes, file transfers, and more.

Slingshot is the easy-to-use automations engine that takes repetitive data processing tasks (like transcoding, indexing, and backing up your media and projects) off your editors' to-do lists.

Get unlimited automations with every EVO shared storage server.

Part of the EVO Suite.



Nomad

A must-have for remote video editors.

Take your workflow on the go with Nomad, EVO's remote editing tool.



Nomad retrieves all the proxy media and source files you need to work on your remote editing projects offline, making it easy for team members to edit from anywhere in the world.

Included for unlimited users with EVO, Nomad is perfect for working from home, remote freelancers, and hybrid on-site/off-site workflows.

Part of the EVO Suite.

The EVO Suite—a standard for editors everywhere

Services

Enhanced **services and support** offer your organization all-inclusive hardware, software, warranty, integration, and interoperability coverage for every SNS product—leading to increased uptime, productivity, and profitability (on your end).

SERVICES

Support plans

Choose Basic, Standard, or Premium technical support to best fit the needs of your organization.

Installation

On-site installation or remote commissioning services make deployment a breeze.

Training

Our product and workflow experts take your team through onboarding and basic

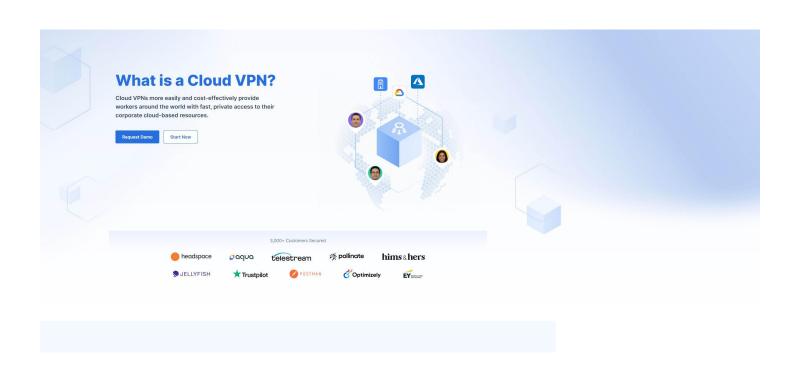
Migration

If your current MAM system has become so complicated that no one wants to use it... we can help.



Underline links Highlight Links

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A close Nat Company
Products & Services Solutions Customers Resources Company Partners Pricing
Request Demo
Start Now





How Does a Cloud VPN Work?

Cloud VPNs provide security and compliance to networks that have transitioned to the public cloud.

Consume the Cloud



Secures the Cloud

While the cloud provider offers the network infrastructure, it does not address access point security into the network. In this 'shared responsibility mode', it is up to the consumer to secure access on top of the cloud environment.

Get Started Now →

Enables Remote Access

Employees connect from multiple devices, from various locations during all hours of the night and day. A Cloud VPN allows employees to securely access the organizations private network through public networks and even share data remotely.

Get Started Now →





Encrypts Transmitted Data

The combination of data encryption and tunneling protocols means that all transmitted data, regardless of device or location, is completely encrypted. This level of security



What a Cloud VPN Can Do for Your Business

Protect cloud environments, staging servers and company databases with total ease.





Optimize Your International Search
Ranklings

Stay Ahead of Your Competition
Deliver different content to different users based on their geographic location. By customizing your sits with native text, images and currency, you can easily view, monitor and manage your ads and relevant keywords internationally. Connect to international servers, every your dark low your dark to key market and easily observe keyword performance in target countries.

Stay Ahead of Your Competition
Deliver different users based on their geographic location. By customizing your aid under the year on their geographic location. By customizing your actual seals year you your competition and establish your actual seals year you your competition and bypass ordinal enterorists, websites, and more.

Access Applications, VoIP Services and More

Array platforms such as Skype, Whatsapp, Facebook and even Google are blocked in many countries. With a VPI, you can mask your actual seals year you your competition and establish your company as a leader.





Access and Security for BYOD

Devices

Testing

Recent data revealed that 84 percent of Americans work remotes work removed. Distributed internationally, you'll want to be sure it is functioning properly experient use their personal devices for work. A Cloud VPN allows your employees to encrypt and sequent before it in series.

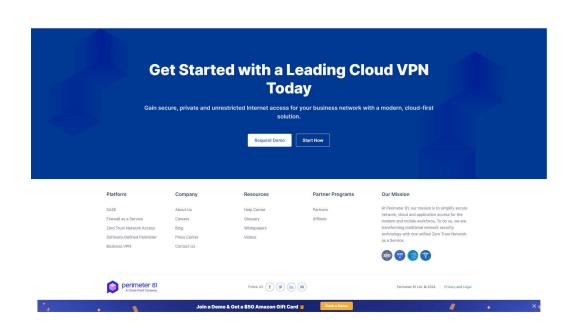
Simple Automatic IP Whitelisting and increase productivity by whitelisting and segmenting employee access to specific cloud resources. Simply block on a specific cloud resources. Simply block may be added to specific cloud resources. Simply block with a specific cloud resource. Simply block may be added to the sure it is functioning properly whitelisting and segmenting employee access to specific cloud resources. Simply block with a specific cloud resource. Simply block with a specific cloud resource is great devices. Simply block with a specific cloud resource. Simply block with a sp





Cloud VPN FAQ

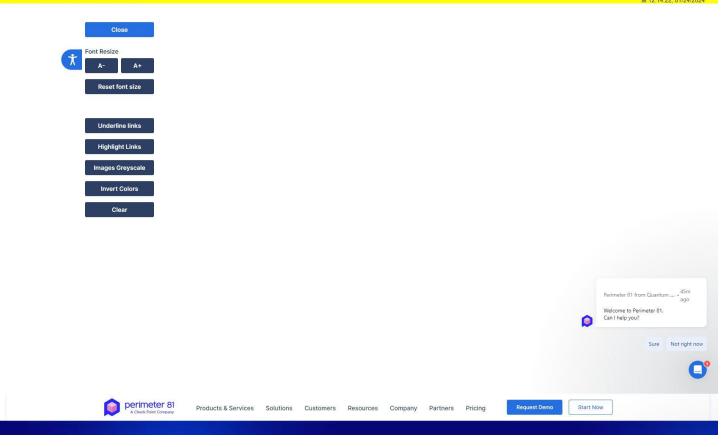
What Are the Different Kinds of Cloud VPNs?	+
What Are the Different Types of Cloud VPN Models?	+
What Are the Different Types of Cloud VPN Protocols?	+
How Does Cloud VPN Tunneling Work?	+
How Do Cloud VPN Gateways Work?	+
Can I Have a Static IP Address with a Cloud VPN?	+

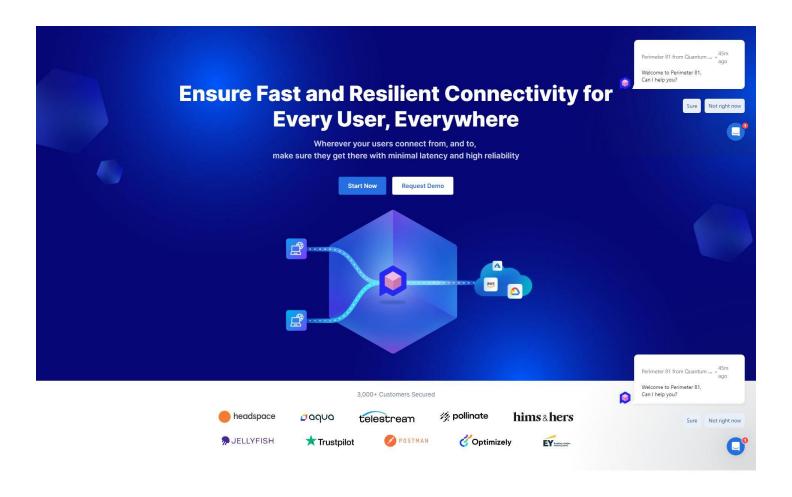






https://www.perimeter81.com/global-backbone-network at 12:14:22, 01/24/2024

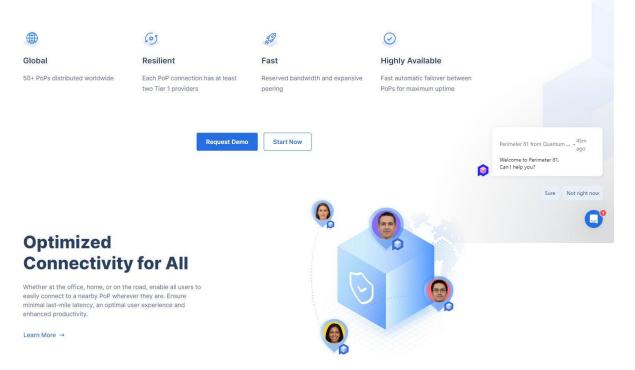




Boost Network Performance

Your users and resources can be anywhere, your network should be there too.

Our Global Backbone Network has the world, and you, covered.





Hop on the Fast Track

Traditional networks send user traffic over the public Internet. This results in accumulated latency, jitter and packet loss causing connectivity degradation impacting application performance. Our Global Backbone Network with dedicated Tier-1 highways bypasses the public Internet and takes you to any destination, fast.

Request Demo →

Perimeter 81 from Quantum ... • 45m ago
Welcome to Perimeter 81,
Can I help you?

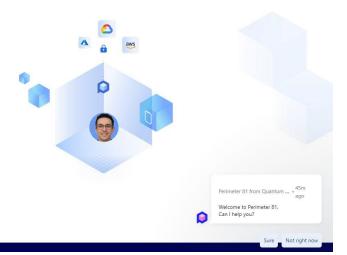
Sure Not right no



Optimized Interconnectedness

Perimeter 81's Global Backbone Network connects any user to any application with minimal latency and maximum productivity. Ensure your workforce has untethered access to the applications and resources they need.

Request Demo →





Private Backbone Performs



Perimeter 81 Helps Organizations





Improve application responsiveness



Global Backbone Network FAQs

What is a global backbone network?	+
How is a global backbone better than the public Internet?	+
How many PoPs does Perimeter 81 have?	+
How does a Global Backbone Network improve application responsiveness?	+

Learn More About Perimeter 81's Global Backbone Network



How the Internet Is Slowing



Global Backbone Network



The Human Attack Surface

Down Your Business

Learn about the problems with regular internet connections, and how the Global Backbone Network makes your company more efficient.

Learn More →

Overview

Perimeter 81's Global Backbone Network provides minimal connection latency for enhanced productivity.

Learn More →

Watch our conversation that combines the world of social engineering with cutting-edge technology to better understand the biggest threats to network security.

Learn More →

Ready to Get Started?

Protect your users with Perimeter 81's Standalone Secure Web Gateway

Request Demo

Protect Users Now

Platform	Company	Resources	Partner Programs	Our Mission
SASE Firewall as a Service Zero Trust Network Access	About Us Careers Blog	Help Center Glossary Whitepapers	Partners Affiliate	At Perimeter 81, our mission is to simplify secure network, cloud and application access for the modern and mobile workforce. To do so, we are transforming traditional network security

Software-Defined Perimeter Press Center Business VPN

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Videos

technology with one unined Zero Hust Network as a Service.









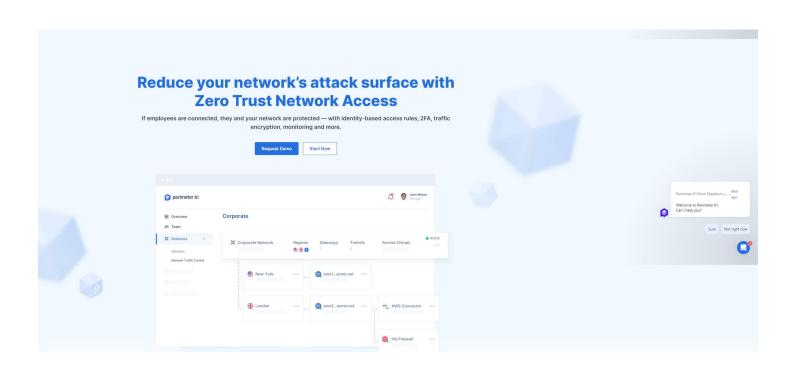
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Join a Demo & Get a \$50 Amazon Gift Card 11









Privatize traffic across all layers, ports and protocols

Picking only one encryption solution can cause issues when resources are located in various cloud environments and users connect with their preferred device and location. With Perimeter 81 you can deploy multiple protocols at once, depending on the relevant environment and connection.

Get Started Now -



Customized access policy for users and their devices

When all employees have the same access permissions and those permissions grant full network access, the attack surface is vide and vulnerabilities abound. Segment your network and narrow access rules to individual users and groups, with authentication enforced via identity providers.

Get Started Now →









Integrate security into every environment

Tablet

When their companies rely heavily on the cloud, and encourage remote work and BYOD, a primary concern for IT is complexity and reduced visibility into network activity and access. Perimeter 61 integrates with 43 your various solutions and services for total network awareness.

Get Started Now →

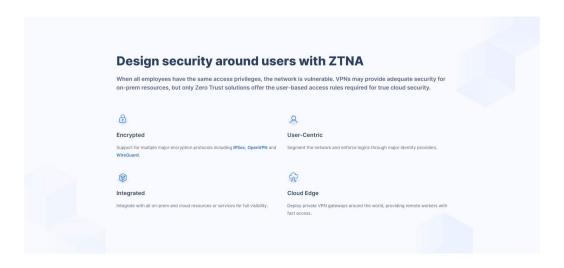
Boost resource availability for remote workers

Now that the traditional network perimeter is gone and access occurs further away from network resources, it's time to bring resources closer to where they're needed. Private network gateways limit latency and boost speeds for productive and agile remote work no matter where your employees are located.

Get Started Now →

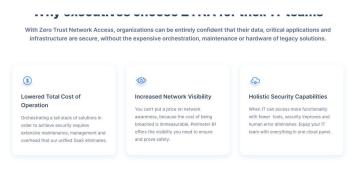






Why executives choose ZTNA for their IT teams









Zero Trust access is secure access

Request Demo Start Now

Zero Trust Network Access is the modern organization's answer to poor network visibility, security tool sprawl, and dangerous access policies.



Audited and Monitored

Enable security professionals to get insights into network activity, the effectiveness of access policies and potential threats with a security produc that is integrated with major SIEM providers and logs all network activity for activities and provides compliance.

Least-Privilege Access

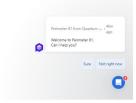
Make your data "need to know" only. With ZTNA, resource access is dependent on the role and device of the user, reducing the attack surface significantly and making it easy for IT to apply relevant policies to newlyonboarded resources and employees.

Unified Network Security

Reduce the number of solutions that your IT team needs to orchestrate and onboard with Perimeter 81s unified networking and security SaaS. From a single admin panel, IT can manage access, segment the network, and enforce security like 254 for all users.

Cloud Native Security

Our API makes it easy to integrate with major cloud providers such as Google. Azure, AWS, Salesforce and others. With Perimeter 81, no resource is left out of IT's purview – regardless if it's a legacy on-prem solution or a cutting-edge cloud service.



Perimeter 81 Customers Securing Network Access with ZTNA



Silo City IT Rapidly Scales MSSP Business With Zero Trust Access Services

Learn more -



Kustomer

Kustomer Replaces its Hardware VPN with Cloud-Based Remote Access

Learn more →



WHISKY AUCTIONEER

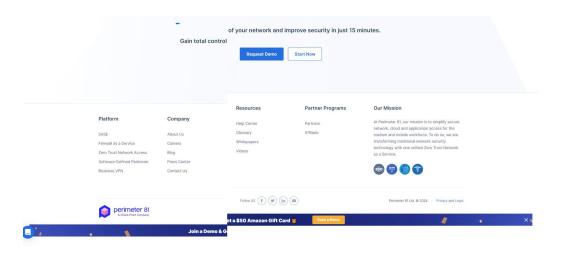
Whisky Auctioneer Deploys Secure Remote Network Access for Its Entire Workforce

Learn more →

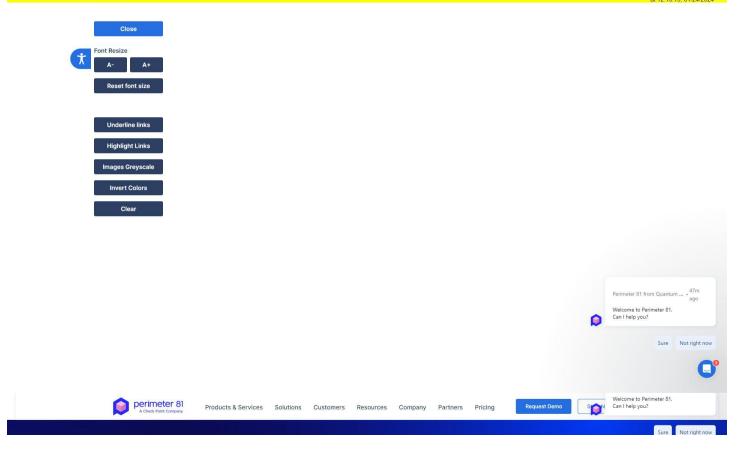


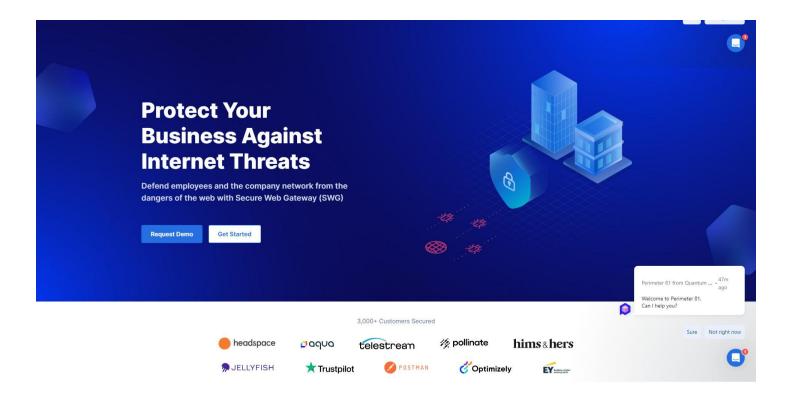


Secure your network now with Perimeter 81



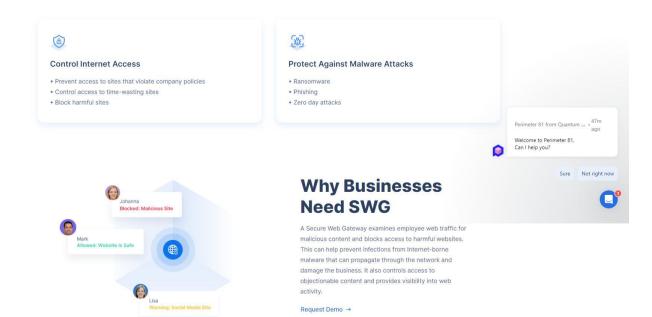
https://www.perimeter81.com/hybrid-swg at 12:16:19, 01/24/2024





Defend Against Web Threats

A Secure Web Gateway protects employees against malicious sites and other dangers of the web



Introducing Hybrid SWG

neter 81 from Quantum ... • 47m



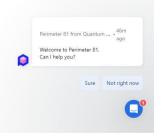


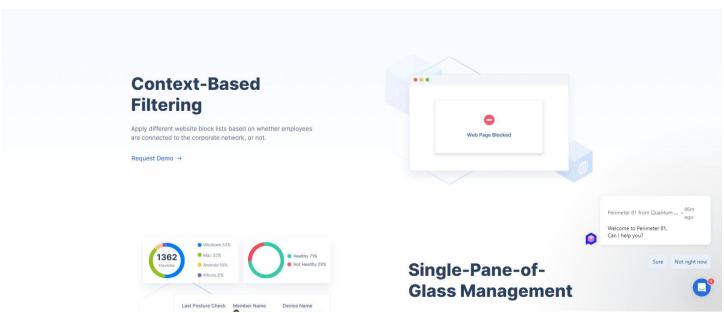


The Advantages of Hybrid SWG











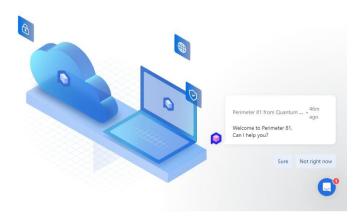
Cloud or on-device? When it comes to management everything is controlled from our intuitive web-based management console.

Learn More -

Malware Protection

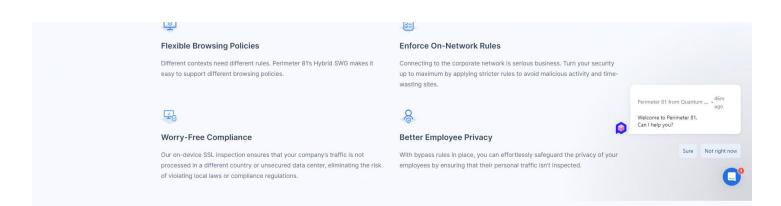
Perimeter 81's Hybrid SWG includes robust protection businesses need to defend against attacks such as zero days, viruses, and ransomware.

Request Demo →



Hybrid SWG Additional Benefits

(v-

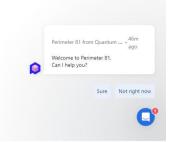


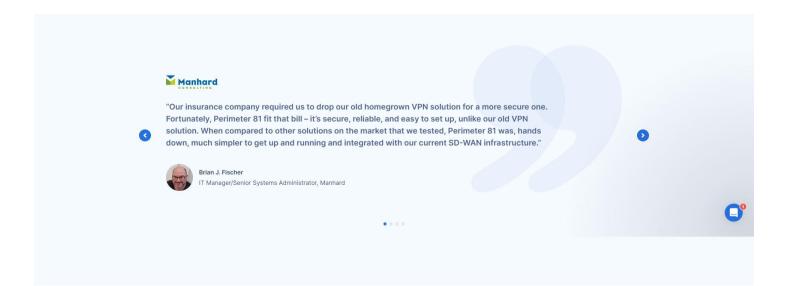


Segment by Identity Apply granular rules for specific groups or individuals based on what people need to access to do their jobs. Perimeter 81's multi-network support also means you can set specific rules for specific networks. Security in the connection status. Perimeter 81's Hybrid SWG lets you apply filtering rules that will affect all users regardless of their network connection status. Apply anaximum security when users are on the network, but allow freer users regardless of their network connection status. SWG.

SWG Deployments Comparison

	On-prem SWG	Cloud SWG	Hybrid SWG
	On-prem SWG	Cloud SWG	Hybrid SWG
No on-prem appliance deployment and maintenance	0	0	0
Avoids backhauling remote user traffic	0	•	0
Centrally managed from a single console	0	0	0
Direct-to-website connection	0	0	0
Protects bypassed traffic (split tunnel)	•	0	0
Performs SSL decryption in trusted location	0	0	0





Hybrid SWG FAQs

What makes a Hybrid SWG different?	+
Can you help me plug the security hole of bypassed traffic?	+
Why have on-cloud and on-device options?	+
	7

Learn More About SWG



The Rise of Hybrid SWG - Taking Internet Security to the Edge

Discover in more detail the advantages of Perimeter 81's Hybrid SWG approach.

Read Now →



What Is A Secure Web Gateway?

Learn about the importance of a Secure Web Gateway, and how it protects employees and the company network.

Read Now →



Converged Network Security

See how a secure network can make your business more secure against cybersecurity threats such as ransomware.

Read Now →

Ready to Get Started?

Perimeter 81's Hybrid SWG provides flexible, context-based protection that can be tailored to suit your organization's needs.

Request Demo

Start Now



Flationii	Company	Resources	Faither Flograms	Our Mission
SASE	About Us	Help Center	Partners	At Perimeter 81, our mission is to simplify secure
				network, cloud and application access for the
Firewall as a Service	Careers	Glossary Affiliate	Affiliate	modern and mobile workforce. To do so, we are
Zero Trust Network Access	Blog	Whitepapers		transforming traditional network security

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technology with one unified Zero Trust Network as a Service.











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What is Site-to-Cloud VPN? Learning Center | Cloud Security | What is Site to Cloud VPN

Learning Objectives
This article details different types of VPNs, VPN configurations, various architectural implementations of the site to cloud VPNs and a study of the various key distribution mechanisms for security enhancement. MORE CLOUD SECURITY & OPERATIONS ARTICLES

What is Site to Cloud VPN?
What Do Egress and Ingress Mean in the Cloud?
What is the AWS Console?

Why Use Egress Filtering? What does AWS Networking Services Offer? What are Security Groups in AWS?

Network Security in Azure What is Azure Firewall?

How do I create Network Security Groups in Azure? What is Azure Network Security Group?

What is Azure Express Route?
What is Azure Network Virtual Appliance (NVA)?

What is Site to Cloud VPN?

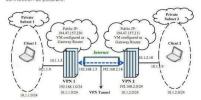
What is Site to Cloud VPN?

Today's businesses provide employees with the opportunity to work from home or on the road. When a company allows their staff to gain access to the internal network, it is important that this is done safely. Many company employees who are often traveling, or who simply do not need to sit at a fixed place in an office to do their job need to have secure access to the company network. When one works from outside the environment and needs information to work, it is important that he or she gets access from his or her location. Today, a broadband connection makes possible a quick way to send and retrieve information over the Internet. Just as there are thieves in the community, there are people on the Internet attempting to get access to other people's computers to steal information, or just to destroy it.

The solution for secure remote connectivity.

A common solution to most security threats is a Virtual Private Network (VPN). A VPN allows a user to access the internal resources of the company from an external

allows a user to access the internal resources of the company from an external network such as the Internet. This allows users to access internal resources in a secure manner. The VPN technology is then preferable to have as fast, secure and reliable a connection as possible.



VPN Architecture

Types of VPNs

There are three different VPN connectivity models that can be implemented over a

public network: Remote-access VPNs: It provides remote access to an enterprise customer's intranet or extranet over a shared infrastructure. Deploying a remote-access VPN enables corporations to reduce communications expenses by leveraging the local dial-up infrastructures of internet service providers. At the same time, VPN allows mobile workers, telecommuters, and day extenders to take advantage of broadband

- connectivity. Access VPNs impose security over analog, dial, ISUN, digital subscriber line (DSL), Mobile IP, and cable technologies that connect mobile users, telecommuters, and branch offices.

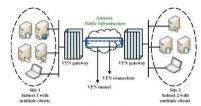
 Intranet VPNs: It links enterprise customer headquarters, remote offices, and branch offices in an internal network over a shared infrastructure. Remote and branch offices can use VPNs over existing internet connections, thus providing a secure connection for remote offices. This eliminates costly declicated connections and reduces VMAN costs. Intranet VPNs: allow access only to enterprise customer's employees.

 Extranet VPNs: It links outside customers, partners, or communities of interest to an enterprise customer's network over a shared infrastructure. Extranet VPNs differ from intranet VPNs in that they allow access to uses outside the enterprise.

 VPN configurations

VPN configurations
There are two main types of VPN configurations for deploying a VPN connection over a public network. These are Site to Site and Site to Cloud. Site-to-site VPNs

Site-to-site VPNs
This is sometimes referred to as a secure gateway-to-gateway connection over the internet, private or outsourced networks. This configuration secures information sent across multiple LANs or between two or more office networks and this can be done effectively by routing packets across a secure VPN tunnel over the network between two gateway devices or routers. The secure VPN tunnel enables two private networks (sites) to share data through an insecure network without fear that the data will be interested the unsultabilities of the VPN. intercepted by unauthorized persons outside the sites. The site-to-site VPN establishes a one-to-one peer relationship between two networks via the VPN tunnel – Kaeo, M. (2004. Also, Holden, G. (2003), describes a site-to-site VPN as a link between two or more networks. This is mostly used in Intranet VPNs and sometimes in extranet VPNs.



SITE-TO-SITE VPN ARCHITECTURE

Site-to-site VPN architecture

Advantage: Site-to-site VPNs offer greater scalability and flexibility because only the gateway VPN needs to support IPSee functionality and hence the installation and management costs across deployed gateways are minimal. Also, it offloads the processing overhead from individual systems to the gateway router thus freeing up memory consumption and processing speed.

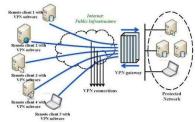
Disadvantage: However, the processing overheads managed by the gateway routers increase CPU utilization thus degrading user performance in terms of communication speed.

Client-to-Site VPNs

Client-to-Site VPNs

Clientro-site VPNs
This is a configuration that involves a client at an insecure remote location who wants to access internal data from outside the organization network's LAN. Holden, G. (2003) explains a client-to-site VPN as a network made accessible to remote users who need dial-in access. While Kaep, M. (2004) defined a client-to-site VPN as a collection of most translations are removed unless and addicate on the

LAN side. In this configuration, the user needs to establish a connection to the VPN server in order to gain a secure route into the site's LAN and this can be done by configuring a VPN client which could either be a computer operating system or hardware VPN – such as a router. By so doing, the connection enables the client to access and use internal network resources. This kind of configuration is also referred to as a secure client-to-gateway connection. This is usually used in access VPNs and sometimes in extranet VPNs.

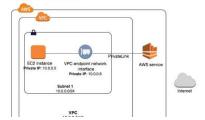


REMOTE ACCESS VPN ARCHITECTURE

Advantage: Remote access VPN has its advantages of enhancing productivity, providing secure communication, reducing costs and increasing flexibility of VPNs.

Disadvantage: One drawback in these VPNs is that all these approaches require VPN client software to be installed on each remote client and the target VPN gateway that supports the same protocol and extensions for remote access. The second type of VPN configuration is Site to Cloud Site to Cloud VPN is a type of VPN that trillights a cloud-based network infrastructure to deliver VPN services. It provides globally accessible VPN access to end users and subscribers through a cloud platform over the public Internet.

The objective behind the site to cloud VPN is to provide the same level of secure and globally accessible VPN service access without the need for any VPN infrastructure on the user's end. The user connects to the cloud VPN through the provider's website or a desktop/mobile app. Similarly, the pricing of cloud VPN is different than standard VPN service as it charges the customer based on pay per usage or a flat-fee subscription. Users are charged based on the amount of hardware, storage, network, and other resources utilized.



10.0.0.0/16)
Region	

Site to Cloud VPN Importance to Business

Site to Cloud VPN importance to Business

Cloud VPN combines secure communication and additional security functions in the cloud with a high degree of automation in provisioning and self-service management. With this solution, customers can easily and securely access all important company data from anywhere --whether in branch offices or at remote locations.

The Site to Cloud VPN service uses a self-service online portal to give customers a simple way to select, subscribe to and activate the service. The service portfolio includes branch, site-to-site and remote access encrypted VPNs as well as firewall sections of the service in the service of the service portfolio includes branch, site-to-site and remote access encrypted VPNs as well as firewall sections of the service in the service of the service portfolio and who service that it is effect as a cloud seasoned T solution as we are the service.

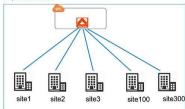
includes branch, site-to-site and remote access encrypted VPNs as well as frewall and web security. It is offered as a cloud-managed IT solution on a monthly subscription basis. Customers have access to a management dashboard where they can track the service status or change service features such as the number of users, the bandwidth, the traffic prioritization or select between predefined levels of web-security with a simple mouse click. Benefits of the site to site to cloud VPN

- Cost effective no need to invest in hardware, software or IT manpower
 High availability with back-up service to ensure uninterrupted service
 Secure remote access to company email and intranet
 Windows, Mac OS, Android and iOS compatible

- Windows, Mac D., Amende and occupanties
 Two Factor Authentication with the stringent 2-step verification process
 How Site to Cloud VPN works:

 Site to cloud supports connectivity between organization Gateways in the cloud and

on-premise routers.



Conclusion
Site to cloud VPN puts an organization's entire on-premise VPN into the cloud. With
no additional on-premise hardware required, the company will enjoy the security and
functionality of a private network. The access of internal and administrative
applications can be restricted to only authorized employees, suppliers or clients.
Enabled administrators and employees at branch offices or remote locations will then
be able to access corporate systems and resources via an Internet connection on the





Products

Solutions

Aviatrix Secure Cloud Network

Trusted by more than 500 of the world's most innovative companies, Aviatrix is the leader in secure cloud networking, empowering businesses to unlock the power of cloud networking.

We understand that managing cloud networks can be a complex and challenging task. That's where our expertise in security and cloud networking comes in. We have extensive knowledge and experience in navigating the intricacies of cloud networks, allowing us to tackle the most challenging aspects of this.

At its core, Aviatrix streamlines and simplifies multicloud environments, regardless of the cloud provider, by optimizing costs, streamlining operations, and enhancing security.



Our comprehensive solution includes:

- Aviatrix Controller: A central management console that provides network visibility, security, and control across multi-cloud environments.
- · Aviatrix CoPilot: A cloud network monitoring and troubleshooting tool that provides real-time visibility and remediation capabilities.
- Aviatrix Gateway: A highly available and scalable gateway that enables secure connectivity between on-premises networks and the cloud.
- Aviatrix Transit: A transit networking solution that simplifies and secures connectivity between VPCs, VNETs, and other cloud networks.

These components work together to enable secure, simplified, and scalable cloud networking across multicloud environments.

Simplify Multicloud Networking Simplify, secure, and save with the leader in secure cloud networking.

Centralized Control

Easily visualize and manage the global cloud network, troubleshoot connectivity issues, and perform operational tasks all from a unified dashboard, regardless of the cloud providers being used.

Learn more

Easy Deployment

Can be easily launched from your primary cloud marketplace, streamlining the deployment process. It is compatible with any cloud computing platform, making it flexible and accessible.

Learn more

Embedded Security

Unique in its ability to bridge the gap between traditional network security and cloud, Aviatrix embeds security into the network with enterprise-grade security and capabilities.

Learn more

Secure and Predictable

Imagine a world where managing multicloud networking is easy, secure, and predictable. $% \label{eq:managing}$

Aviatrix simplifies and secures multicloud environments, regardless of the

With CoPilot, our centralized networking management tool, you can efficiently manage multiple clouds while optimizing resources to make intelligent financial decisions and reduce costs.

EXPLORE COPILOT



Self-Service Automation

Simplify your cloud networking workflows with Aviatrix Self-Service Automation.

- Simplify and streamline your cloud networking workflows, reducing complexity and improving efficiency.
- Effortlessly manage cloud networking resources using infrastructure-ascode, saving time and effort.
- Ensure compliance and enable consistency across multiple cloud





• Empower developers with self-service access to the infrastructure abstraction through Crossplane, enabling agile provisioning and reducing dependency on platform teams.





EXPLORE TERRAFORM BENEFITS

CostIQ Reduces Spending

Harnessing the power of network flow telemetry built into the Aviatrix Secure Cloud Network, CostIQ enables organizations to track actual network traffic from cost centers (sources) to shared cloud resources (destinations). Take control of your cloud costs by gaining an accurate breakdown of accounts or subscriptions utilizing the shared resources in the public cloud. With Aviatrix CostlO, you can even define cost centers and identify shared resources through a simple and intuitive interface.

Don't let cloud costs spiral out of control – unlock the power of Aviatrix CostIQ and revolutionize your cost management approach.



VIEW COSTIQ DEMO

5 Reasons to Explore Aviatrix

Aviatrix is designed for easy deployment and use in several ways:

1. Automated Setup: Automates the deployment of networking components, reducing the need for manual configurations.



- Intuitive Workflows: The platform offers intuitive workflows and wizards for tasks like setting up VPN connections, securing cloud resources, and optimizing network performance.
- Plug-and-Play Connectivity: Aviatrix simplifies the connectivity between on-premises and cloud environments. Users can easily establish secure connections using predefined templates.
- Become the Hero: The Aviatrix ACE program empowers architects, engineers, and technical staff to become the heroes of the business.
- Vendor-Agnostic: Aviatrix is vendor-agnostic, meaning it can work with any and every cloud service provider, making it adaptable to different multicloud environments.



VIEW VIDEO



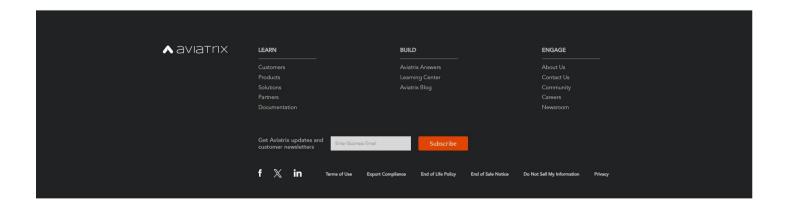
Why We are Better

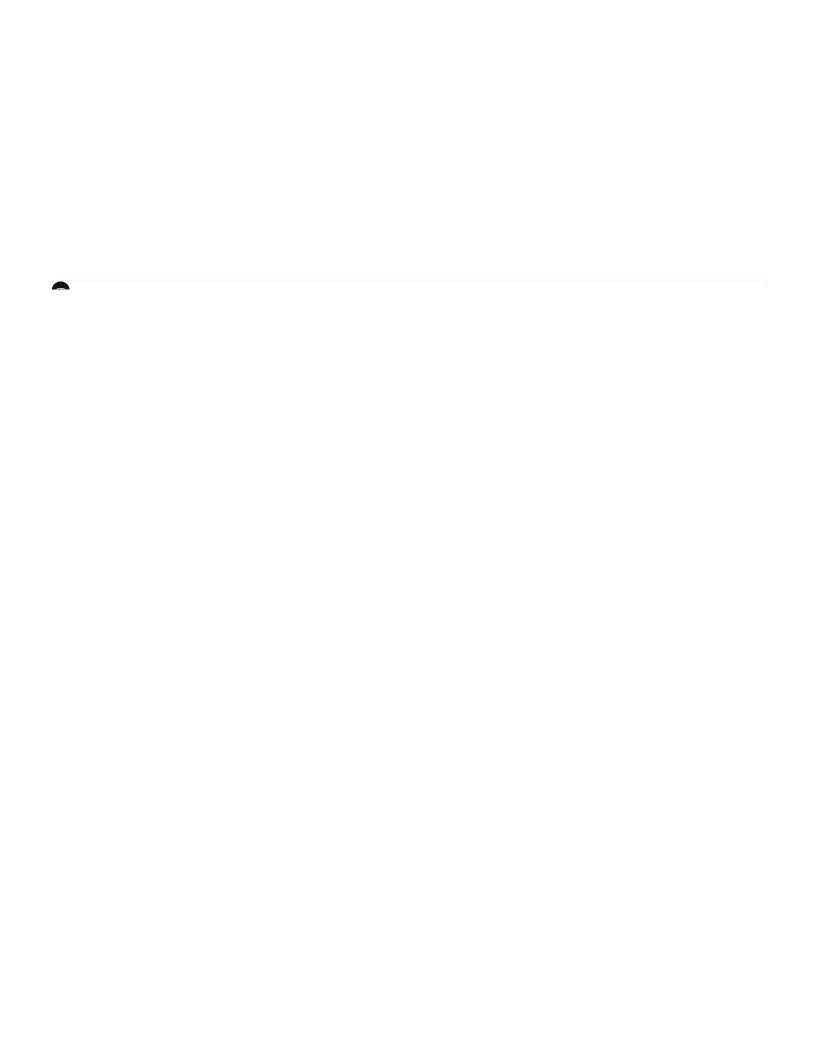
While existing networks are failing business-critical apps, Aviatrix Secure Cloud Network is purpose-built for the cloud, resolving the fundamental limitations of cloud networking. We empower enterprises like yours to embed security, accelerate innovation, minimize downtime, and gain control of IT costs.

Become the cloud networking hero of your business.

See how Aviatrix can improve security and resiliency while minimizing cost, skills gap, and deployment time.







https://aviatrix.com/cloud-network-and-security-operations/



Products

Solutions

Learn

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PRODUCT

Aviatrix CoPilot

Aviatrix CoPilot is the management interface for Aviatrix and delivers consistent, centralized, enterprise-grade operational control and troubleshooting capabilities across all cloud environments. Aviatrix CoPilot is the cloud networking and security operations center.

By leveraging Aviatrix CoPilot for improved visibility, organizations can enhance their understanding of their multicloud networks, monitor traffic effectively, and troubleshoot issues efficiently. This leads to improved operational efficiency and better overall network management.



Global Visibility and Control



Manage and monitor your cloud infrastructure seamlessly with Aviatrix CoPilot. We simplify network management regardless of which cloud providers you use. We understand the complexities and costs that come with connectivity issues. Native services often lack telemetry, making problem-solving costly and tricky. Aviatrix CoPilot gives you a centralized solution for transparent paths, easy routing, and top-notch reliability. Our enterprise-grade visibility and control provide valuable insights, reducing complexity and time spent resolving connectivity issues. Join Aviatrix CoPilot to unlock streamlined network management and a clearer path to

Design and Manage Multicloud

Take full control of your cloud networking journey with Aviatrix. Regarding Aviatrix, our focus is on empowering our customers to manage their cloud networking environment, specifically the Aviatrix controller. We want to clarify that we do not manage or have access to our customers' actual data. Our role is to provide a comprehensive and robust platform that enables efficient management and control over the cloud network architecture.

HOW TO BUILD





Operations and Troubleshooting



Dynamic Topology Mapping

Deliver a consistent view of your entire cloud network updated in real-time.



Diagnostic & Troubleshooting

Diagnostic and Troubleshooting Tools are accessed directly from the topology map, including packet capture, ping, traceroute, and network interface stats.



Topology Relay

Leverage Topology Replay to go back in time and see what changed and who changed it.

Embedded Security Visibility and Control



Traffic Flow Visibility

Visualizing traffic flows as a Geolocation Heat Map gives security teams a unique view of where traffic is coming from or going.



Threat Detection and Mitigation

Highlights any communication with known malicious IP addresses and can automatically apply blocking rules to mitigate threats. This is only possible if you have a cloud network with embedded security. Solutions that never see the communication will not see most



Secure Egress

Provides centralized and all-inclusive insights into top URLs, IP addresses, and filtering rules on gateways distributed throughout the enterprise cloud network.

Business-Critical Application Uptime, Performance and Cost Optimization



Application Dashboards

Network Latency with Trending



Robust Notification Engine

no troublesmooting and optimize businesscritical application performance, CoPilot enables the building of custom Intelligent Application Dashboards neducing data latericy enables organizations to make faster business decisions, as high latency levels can slow data processing. Aviatrix delivers secure, high-performance, low-latency cloud networking.

cornet provides a reduct notification engine and provides Webhooks to integrate with alerts with enterprise ticketing processes and systems.

Self-Service Automation

Control Native Cloud Services



Native cloud service providers (CSPs) each have unique automation languages and tools designed to lock customers into their platforms. Many CSPs also support Terraform providers, then offer a subset of functionality to claim openness. Aviatrix delivers a cloud Terraform provider that leverages the Aviatrix Controllers' ability to control native cloud services. The single Terraform provider allows cloud infrastructure teams to write a single Infrastructure as Code module that will work across all clouds and be easily integrated into self-service platforms such as ServiceNow and Crossplane.

All operation workflows performed through the Aviatrix Controller user interface can also be exported as base Terraform code. Aviatrix maintains an online repository of available Terraform modules to help infrastructure operations teams create self-service automation.

Why We Are Better

With CoPilot, organizations can extend their visibility



Bring Cloud Costs into Focus with CostIQ

Aviatrix CostIQ leverages network flow telemetry built into the Aviatrix Secure Cloud Network. This allows organizations to track the actual network traffic from cost centers (sources) to the shared cloud resource (destination) to create an accurate breakdown of accounts or subscriptions using the shared resources in the public cloud. Aviatrix CostIQ provides a simple interface to define cost centers and shared resources.

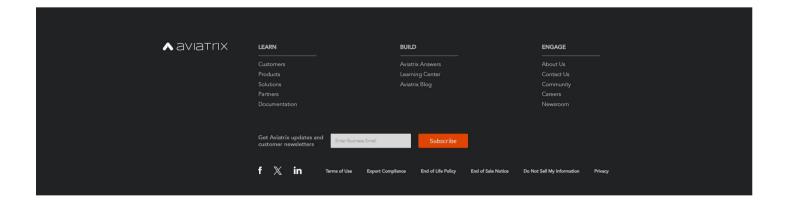


VIEW 2-MIN DEMO

Become the cloud networking hero of your business.

See how Aviatrix can improve security and resiliency while minimizing cost, skills gap, and deployment time.

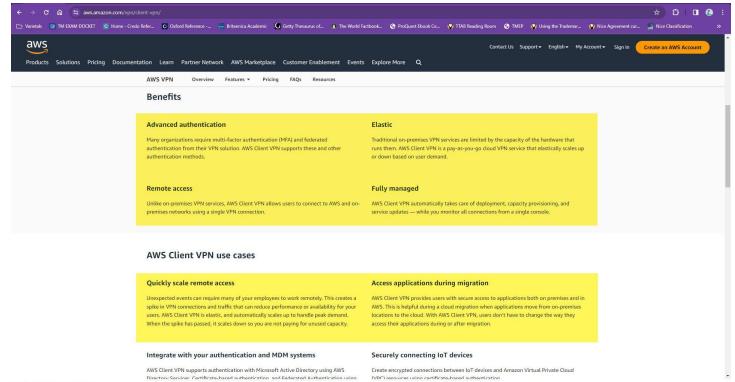


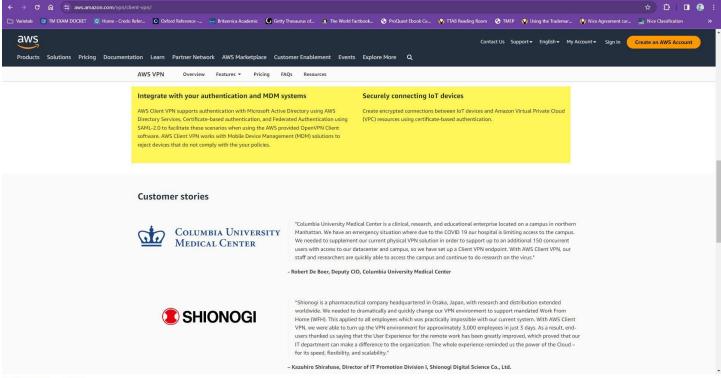


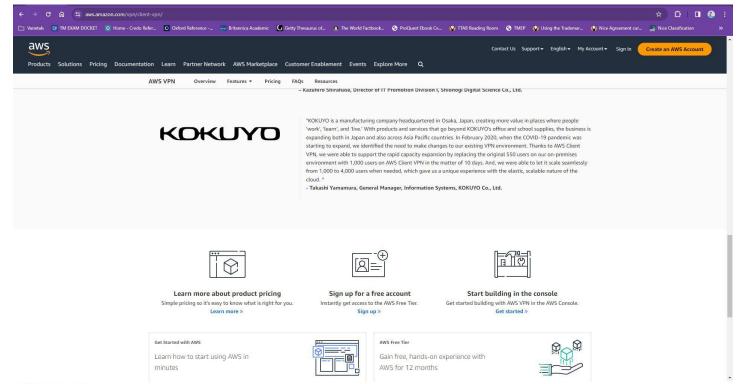




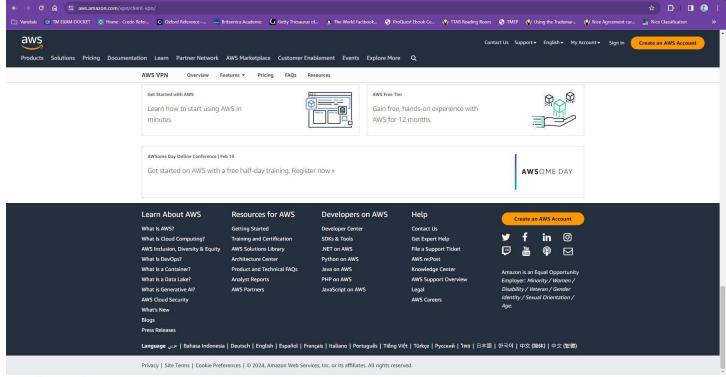
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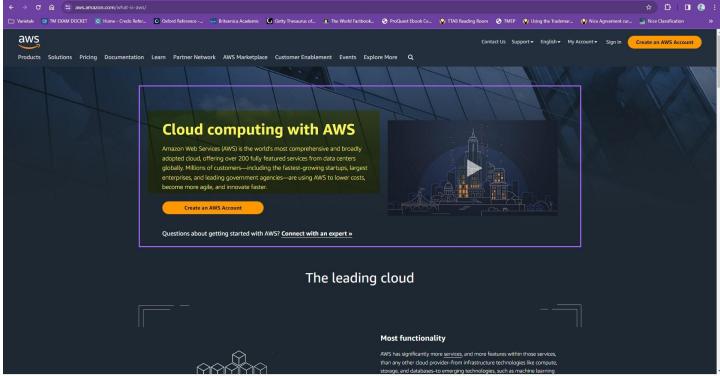




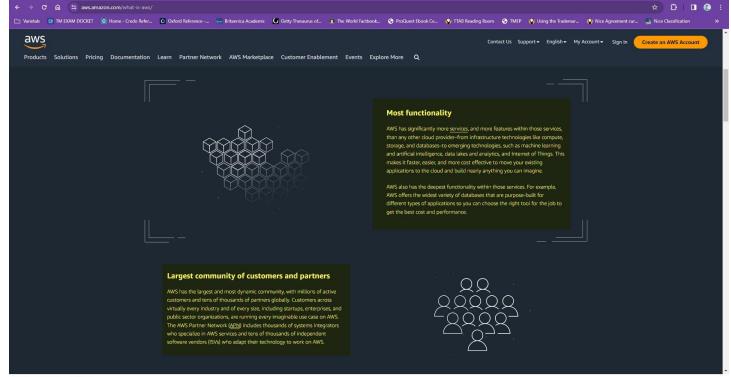
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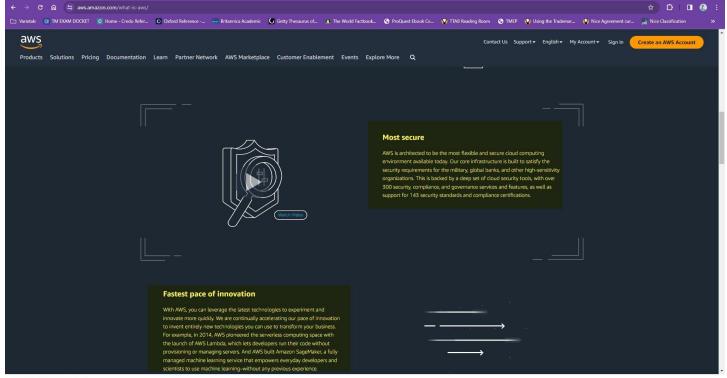
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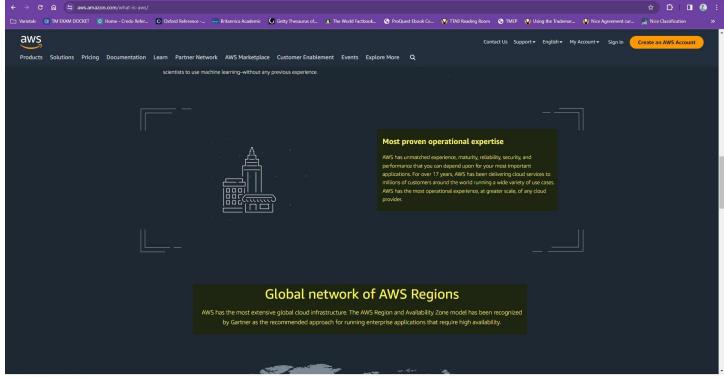
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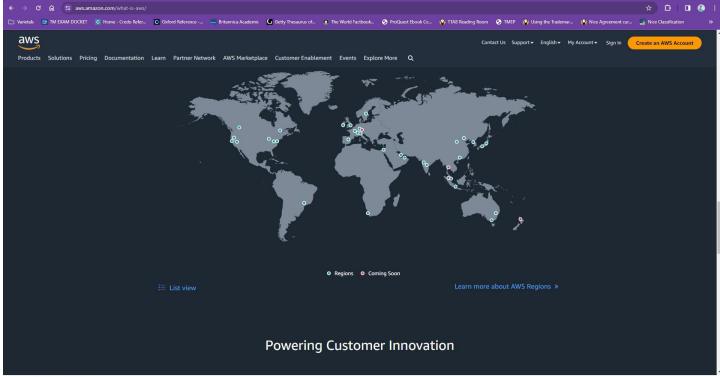
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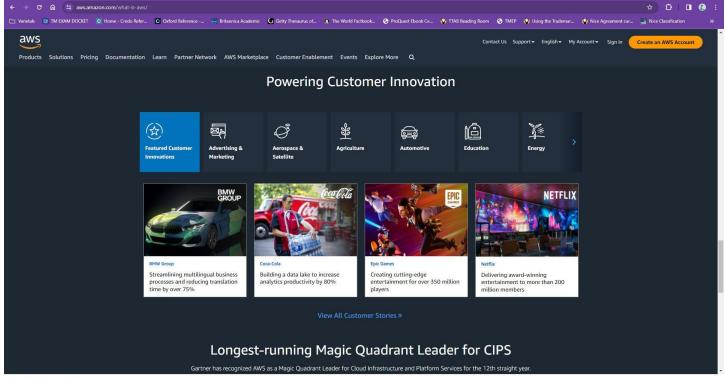
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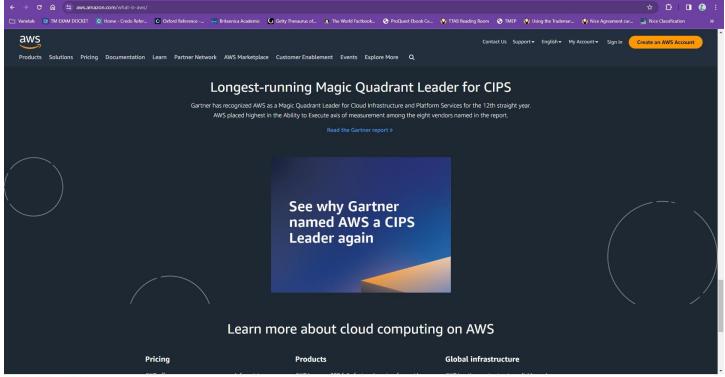
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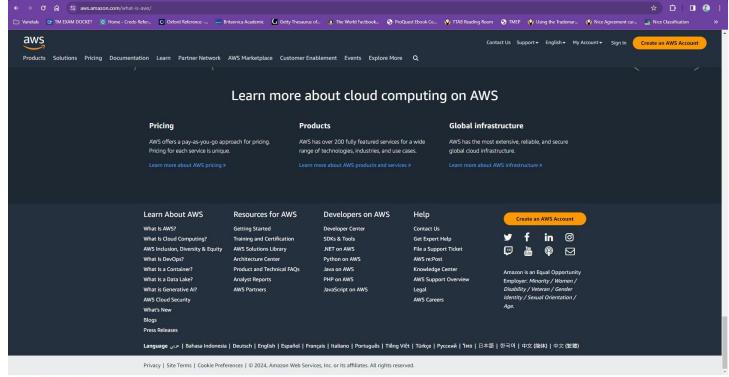
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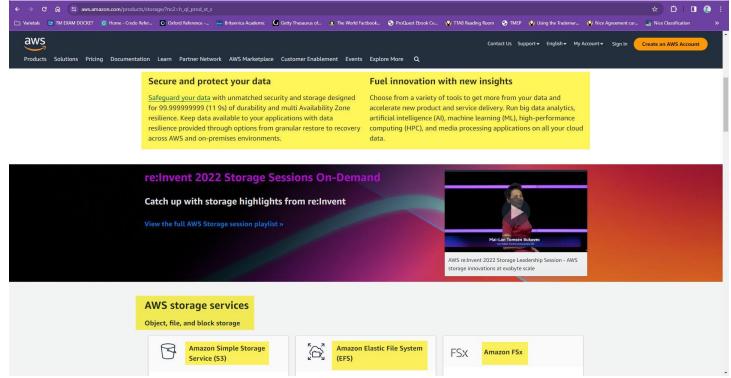
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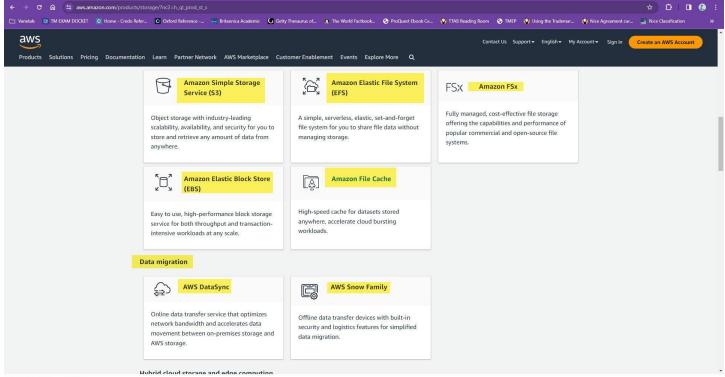
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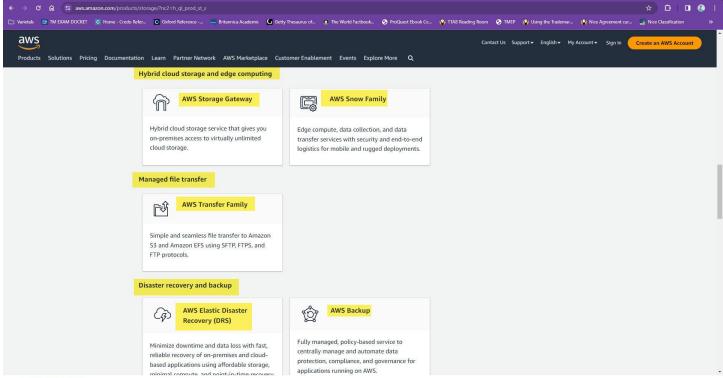
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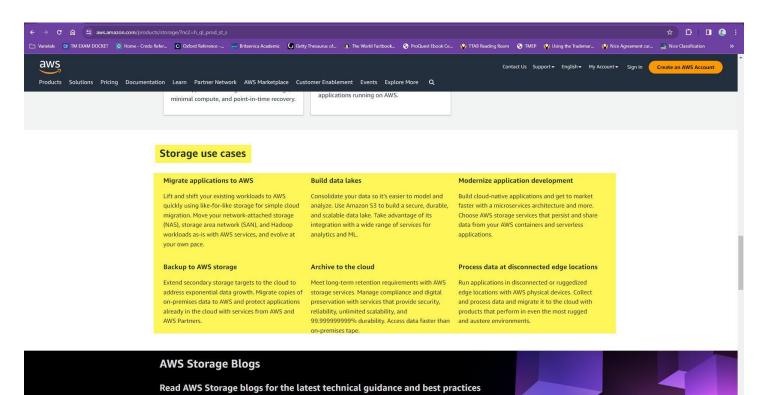
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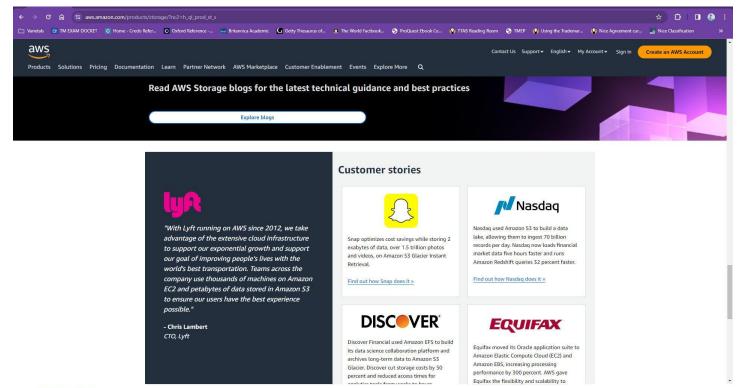
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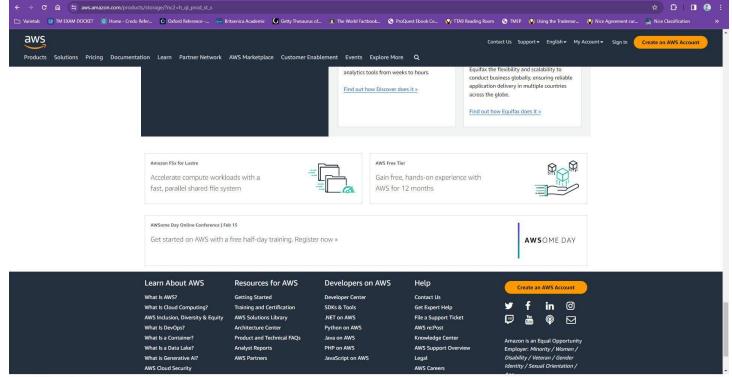


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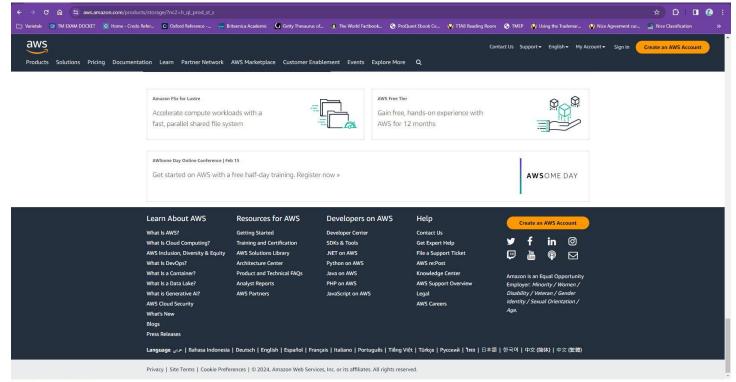


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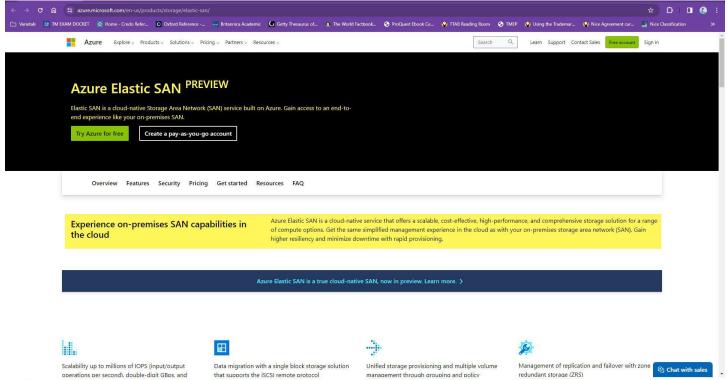




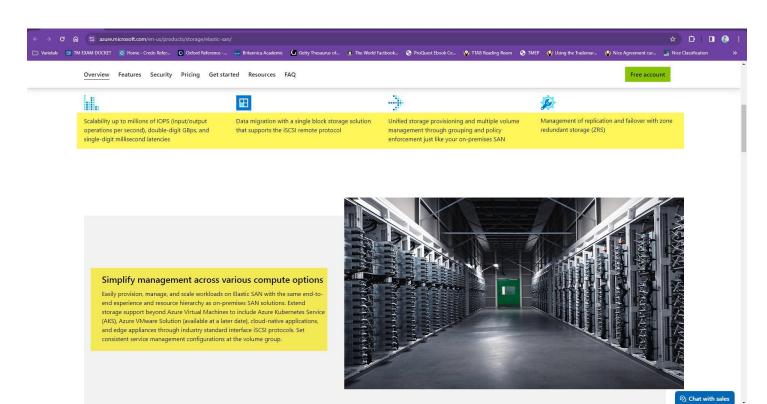
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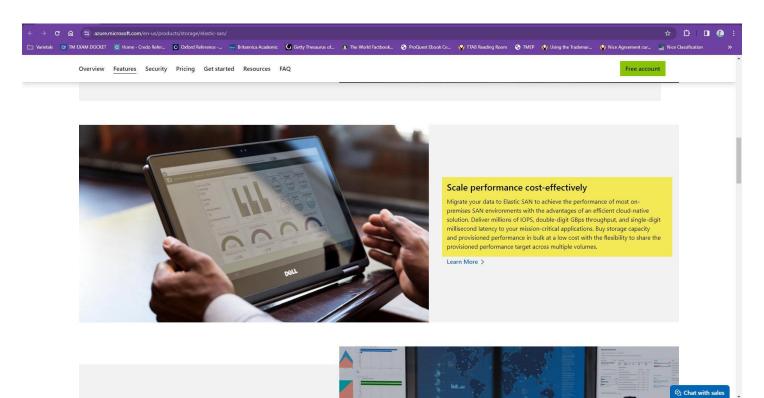


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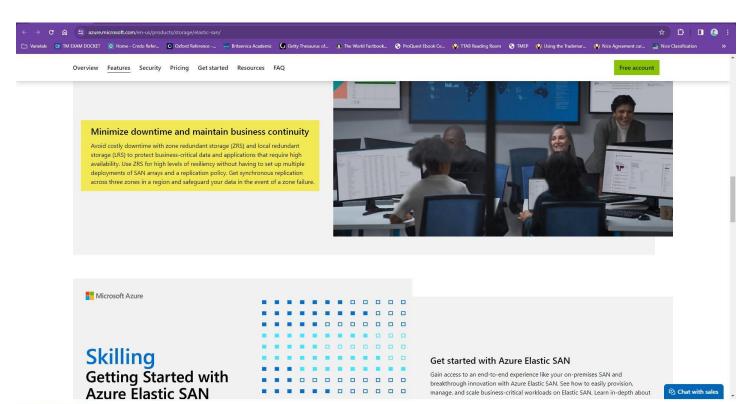


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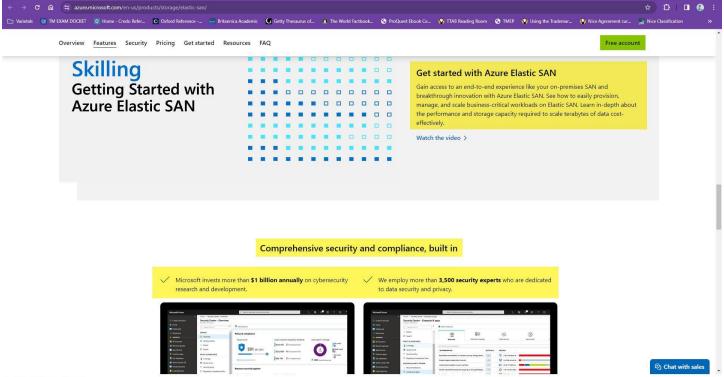


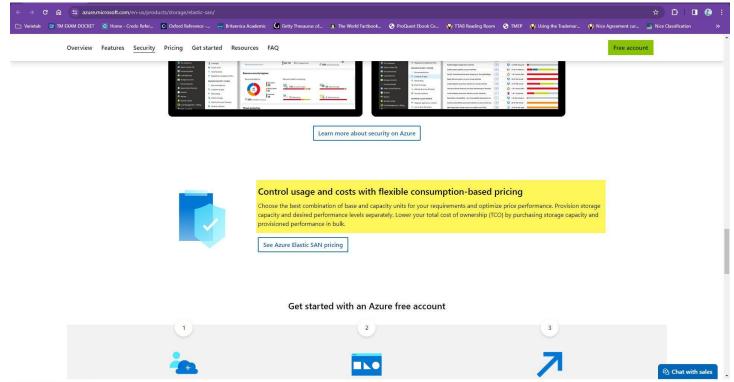


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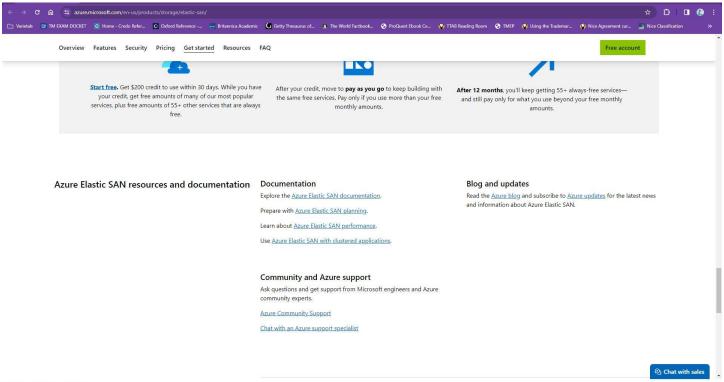


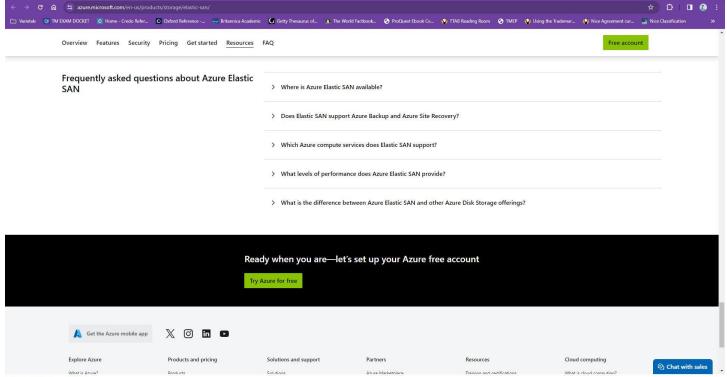
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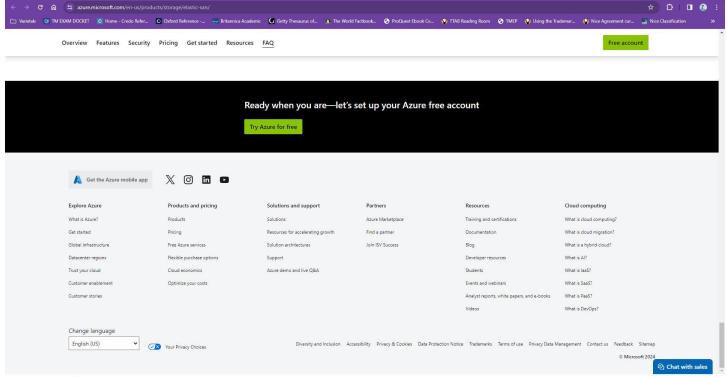


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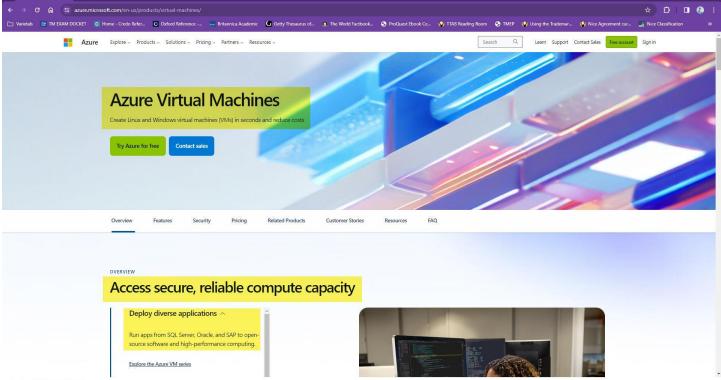




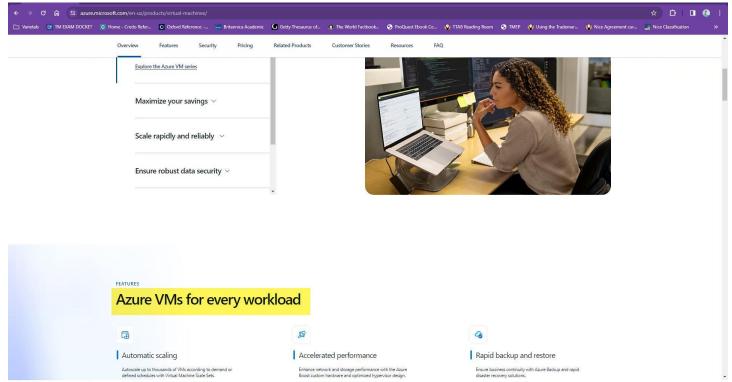
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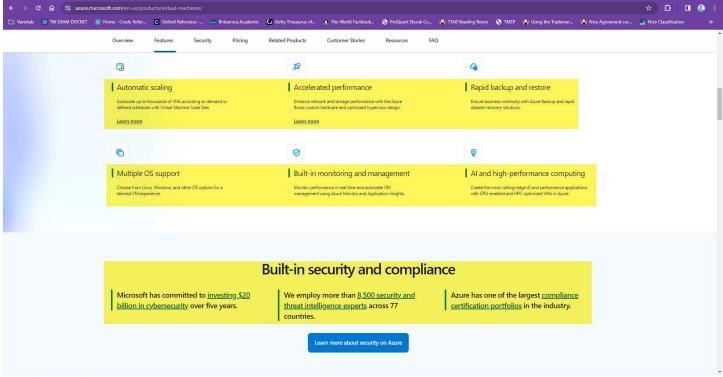
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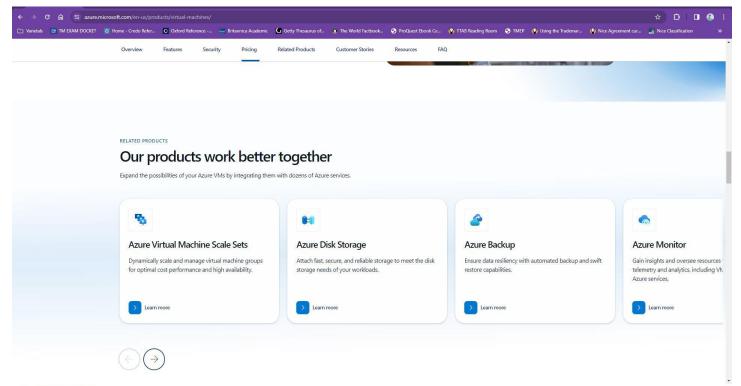
Optimize your spending

- Reduce costs with term pricing through <u>Azure Reserved Virtual</u>
 <u>Machine Instances</u>.
- Re-use your on-premises licenses to run Windows and Linux VMs on Azure with <u>Azure Hybrid Benefit</u>.
- Take advantage of <u>Azure Spot Virtual Machines</u> and scale sets to run workloads at deep discounts.
- Optimize your cloud spend with <u>Microsoft Cost Management</u>.
- Easily Identify the best VM for your workloads with the <u>virtual</u> <u>machines selector</u> and calculate their costs with the <u>VM pricing</u> <u>calculator</u>.

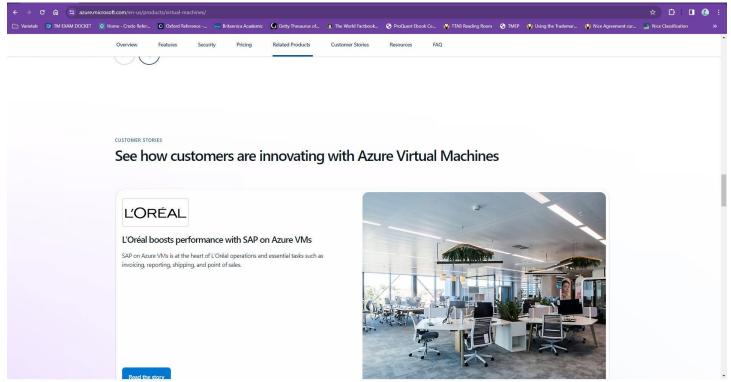
For more details, visit the $\underline{\text{Windows}}$ and $\underline{\text{Linux}}\,\text{VM}$ pricing pages.

See Azure VM pricing

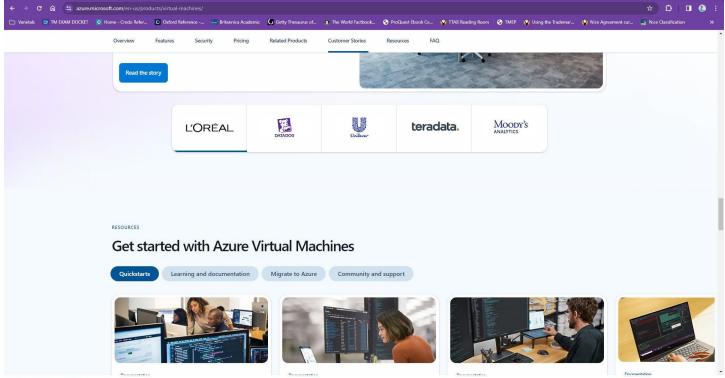




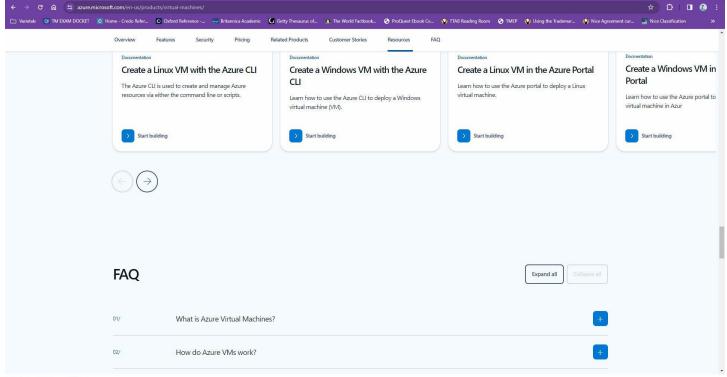
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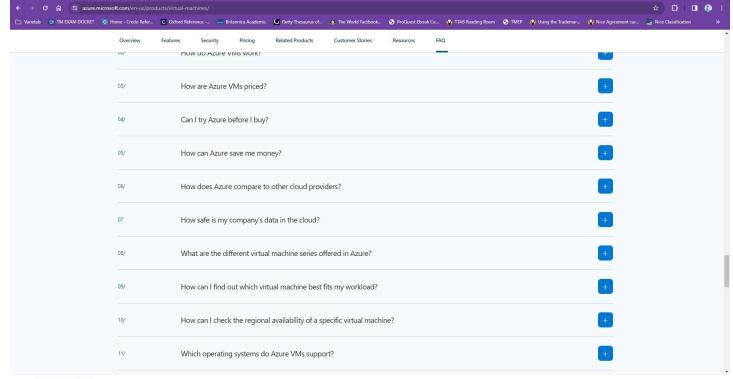
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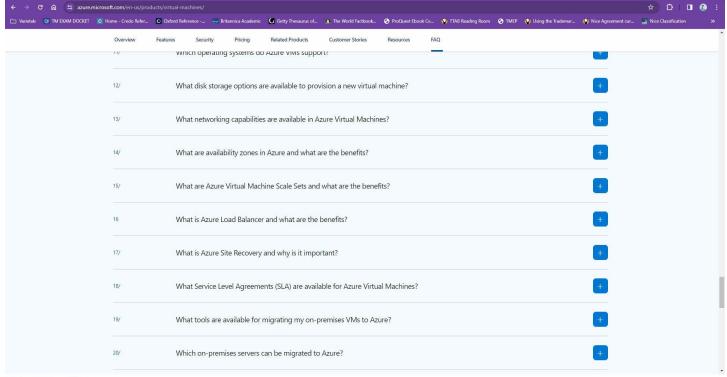
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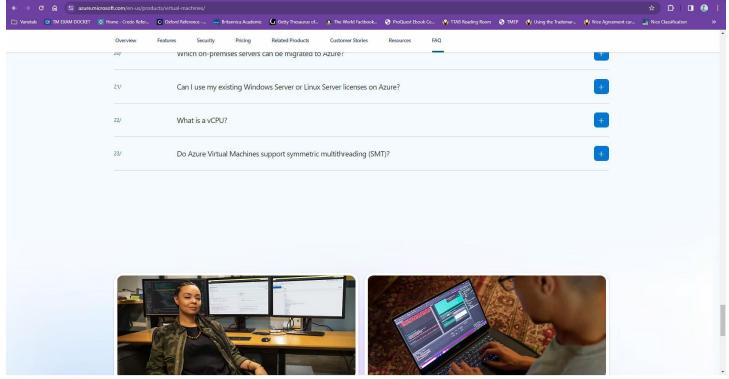
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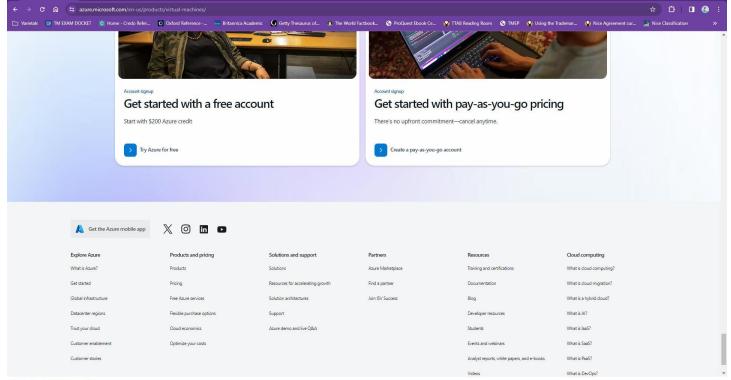
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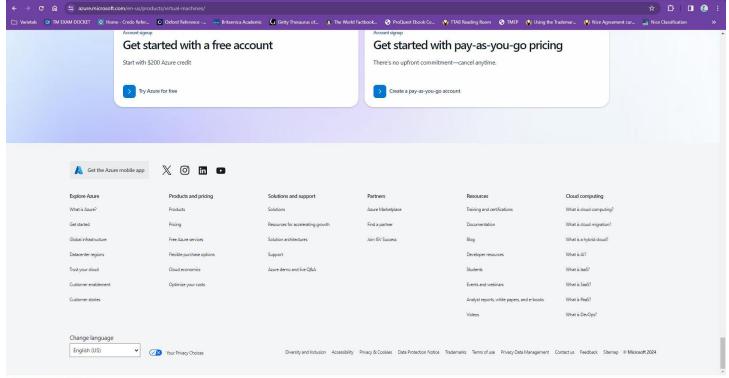
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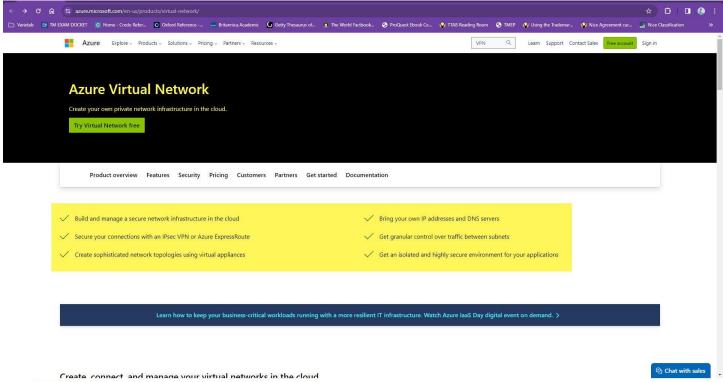
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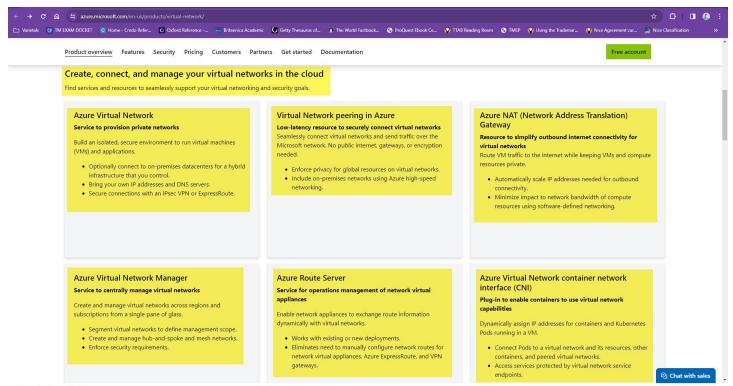
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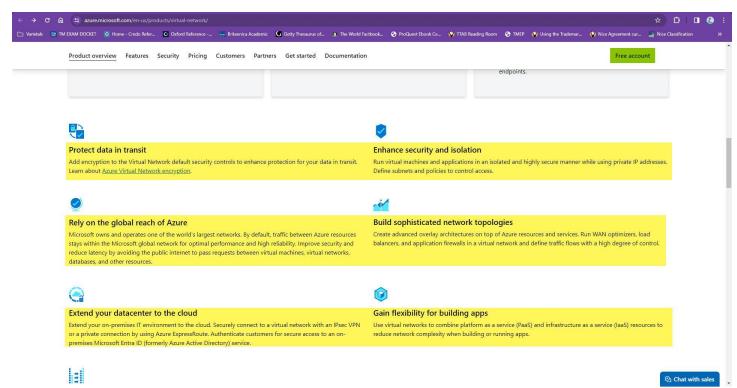


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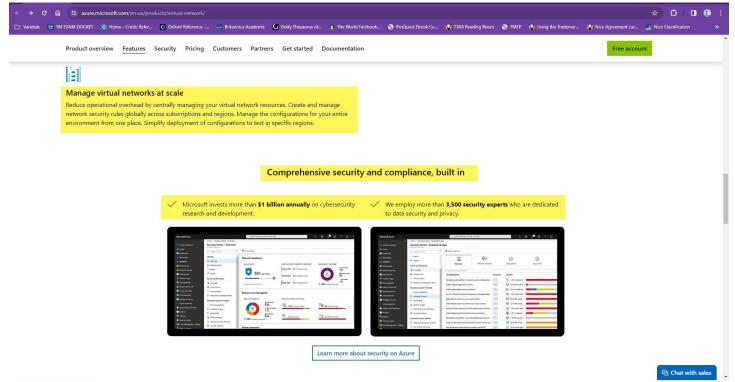


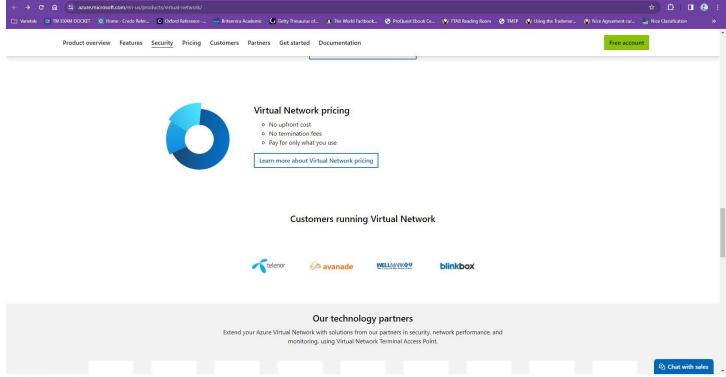
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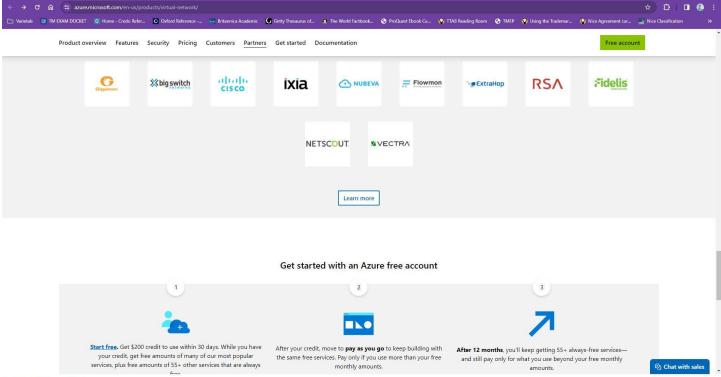


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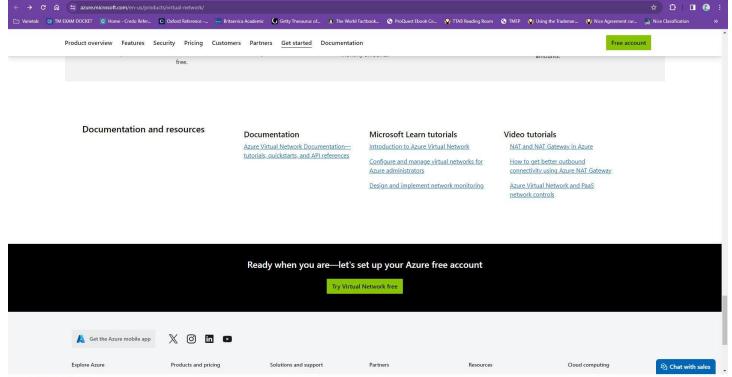




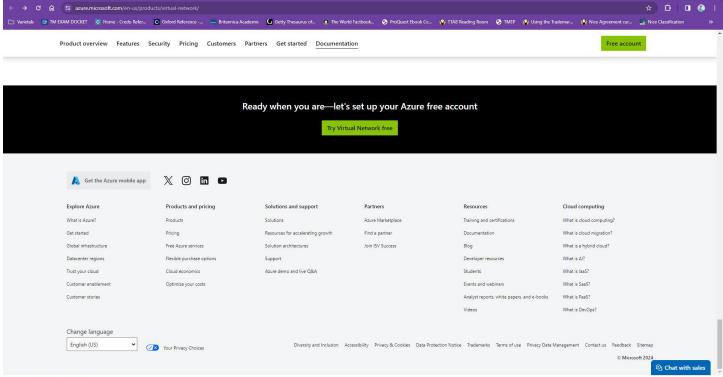
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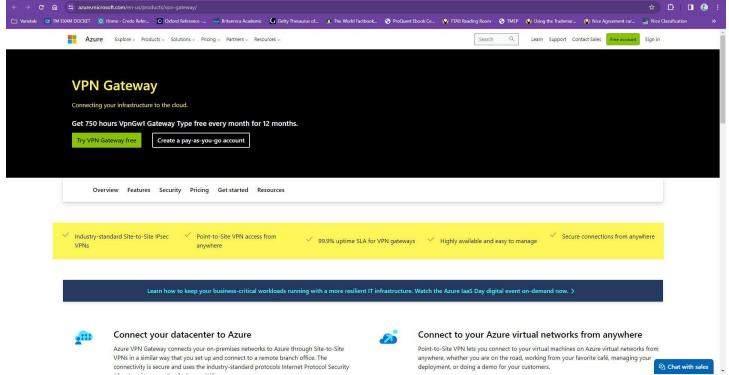
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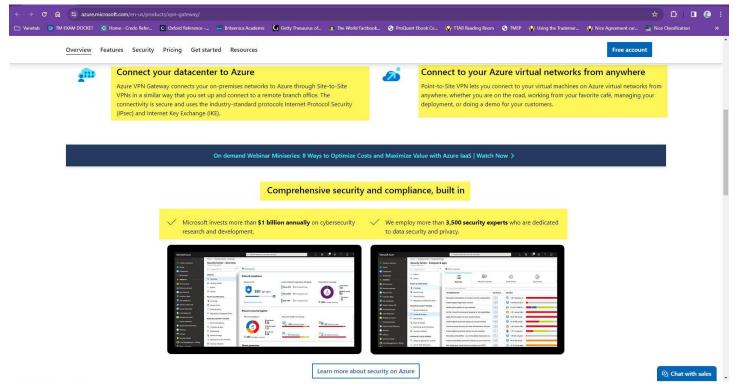
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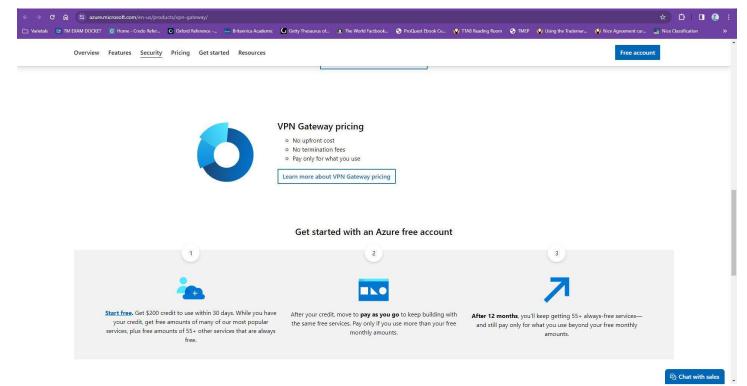


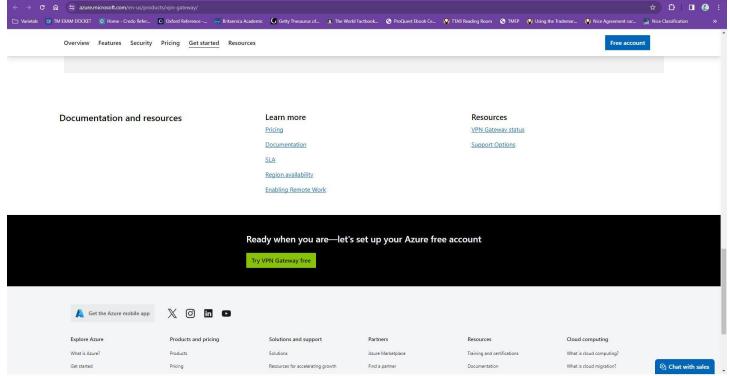
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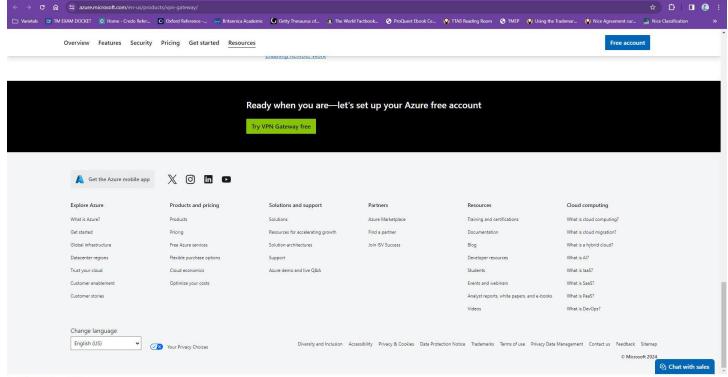
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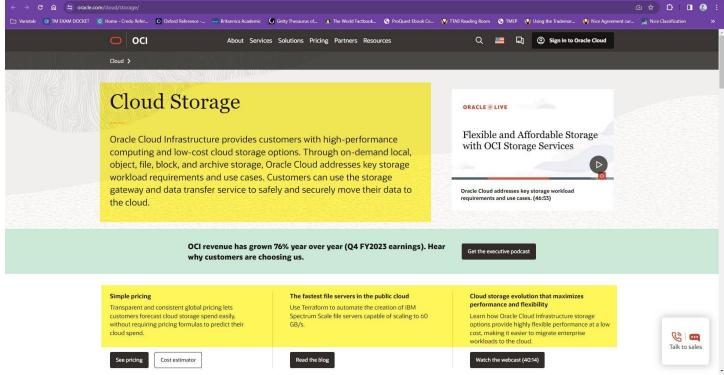




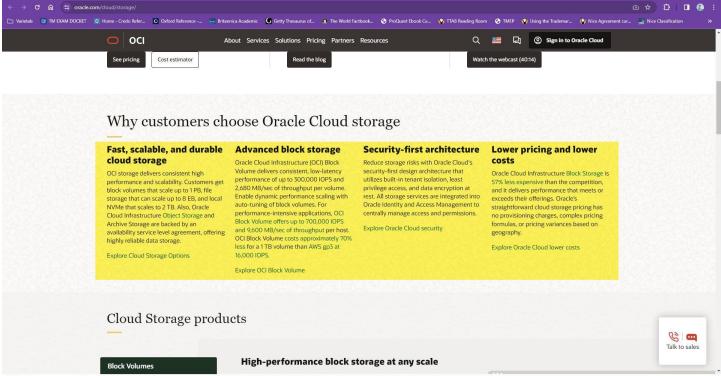
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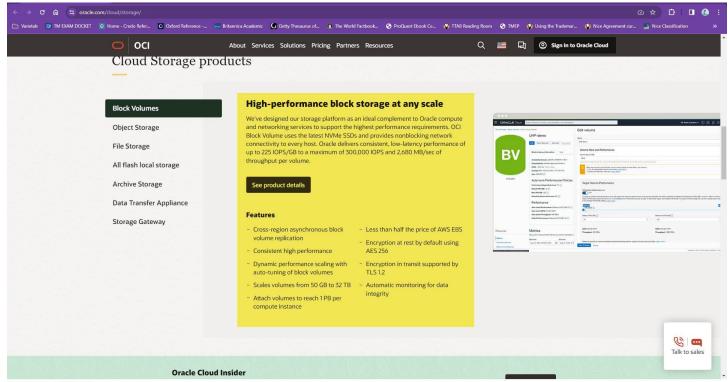
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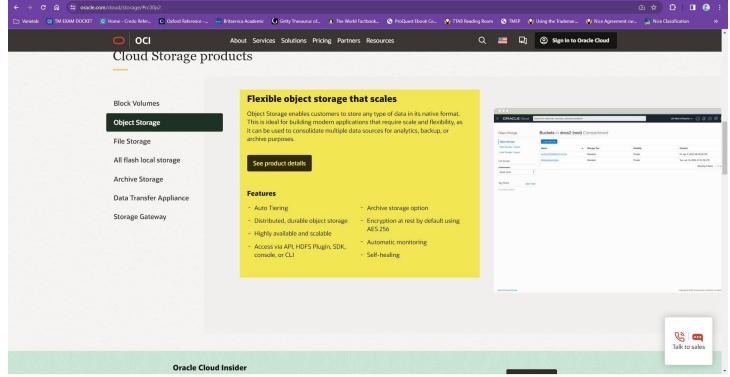
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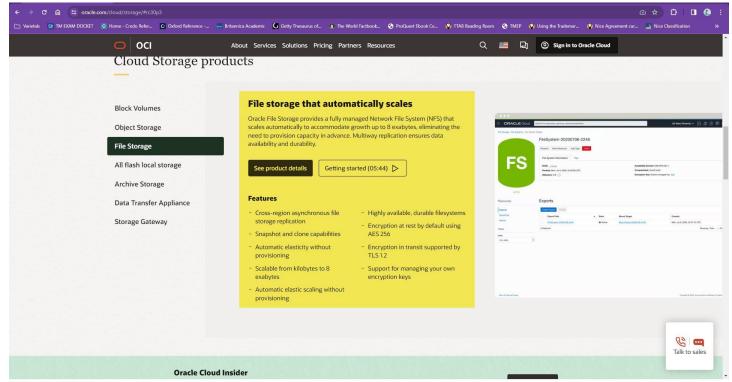
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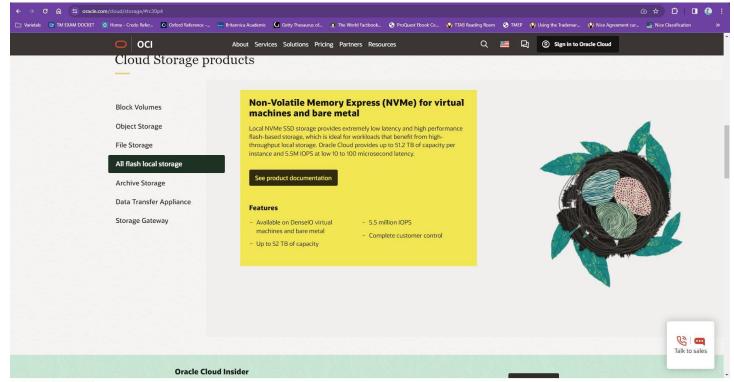
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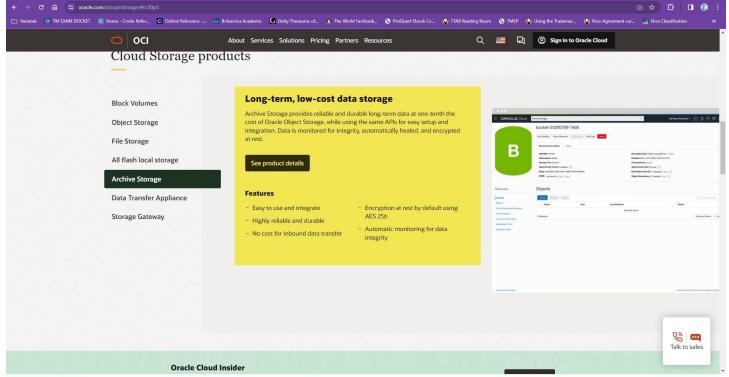
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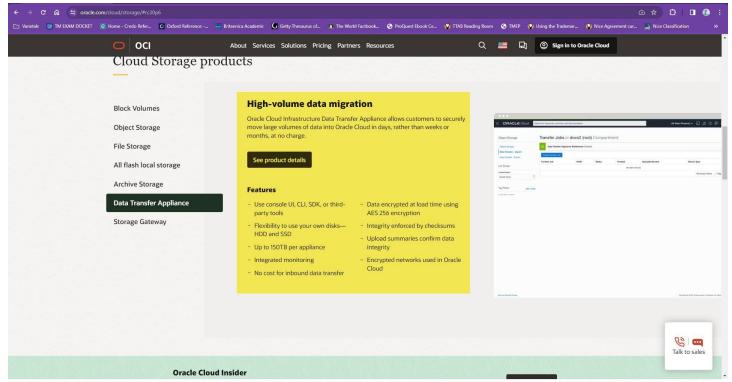
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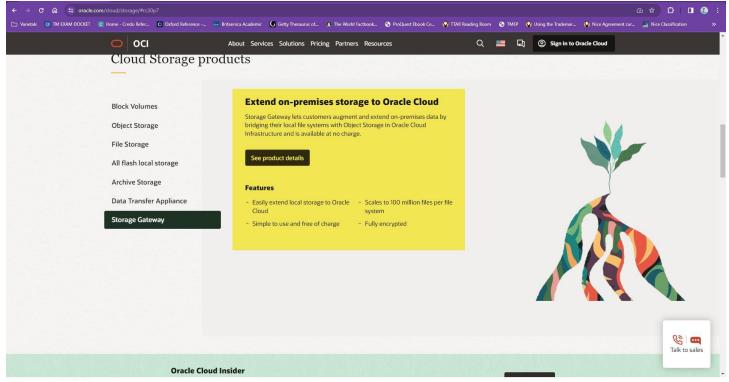
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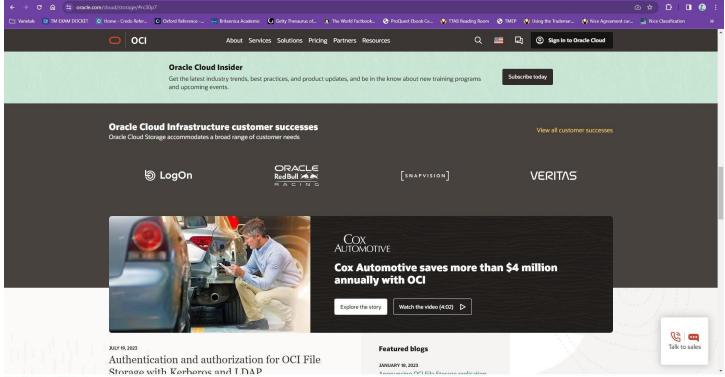
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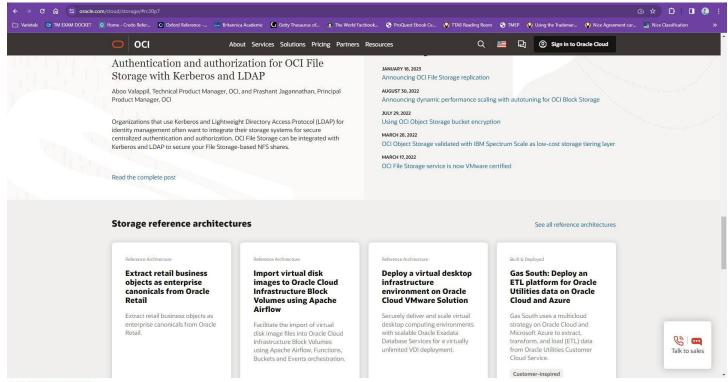
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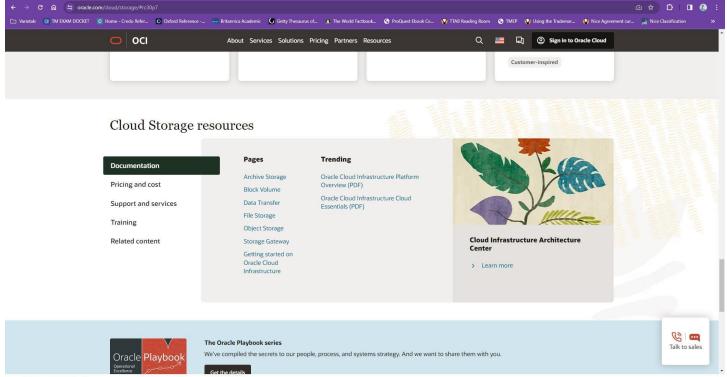


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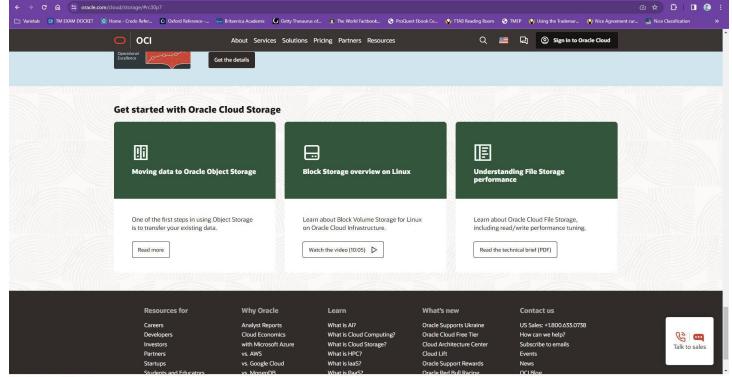


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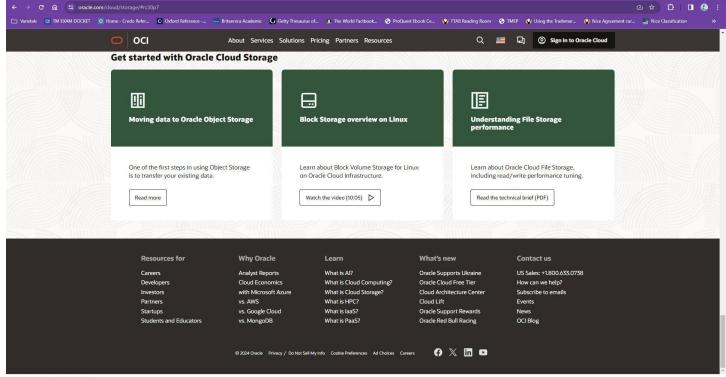




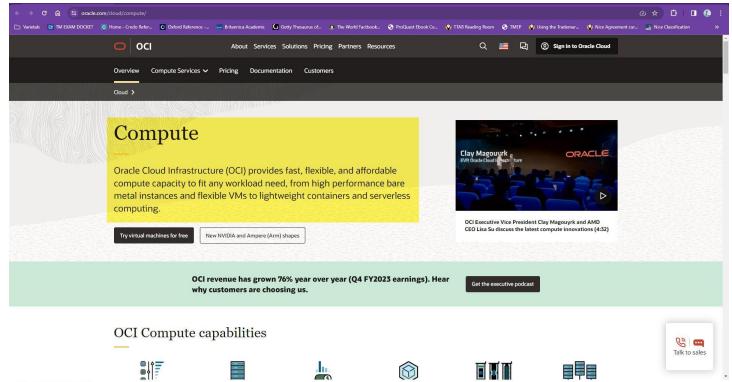
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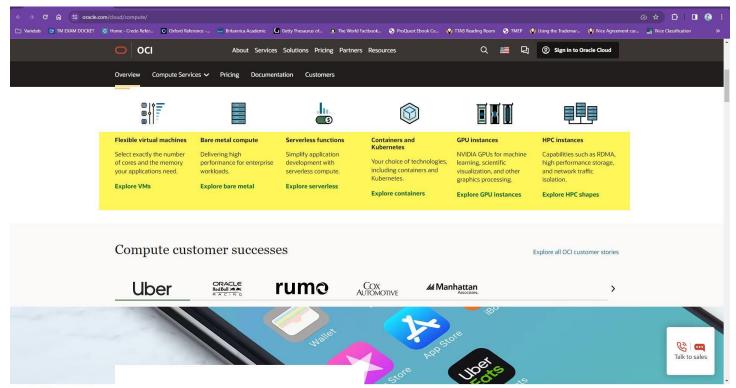
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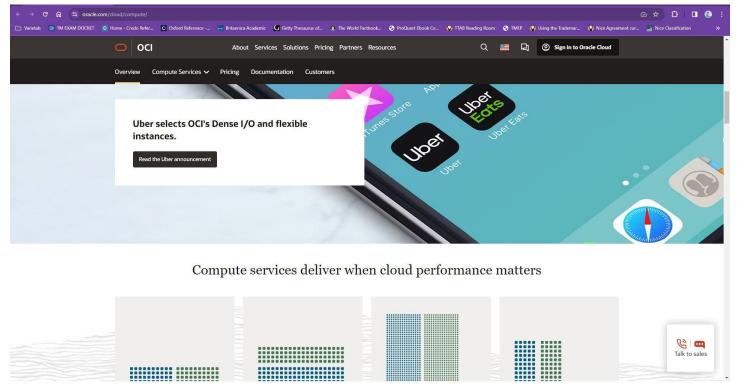
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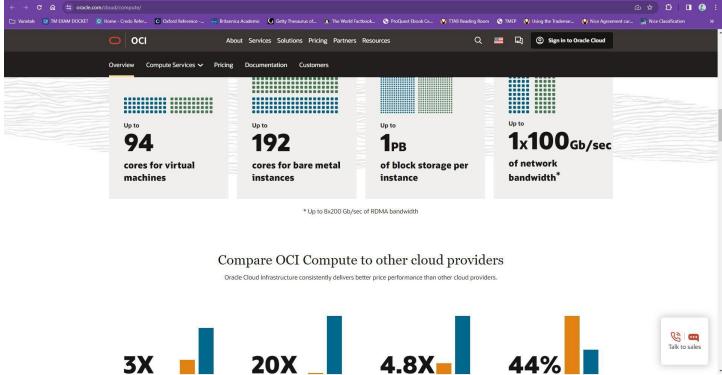
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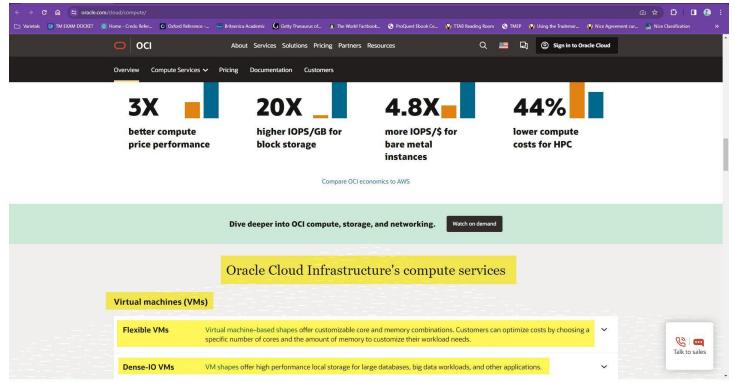
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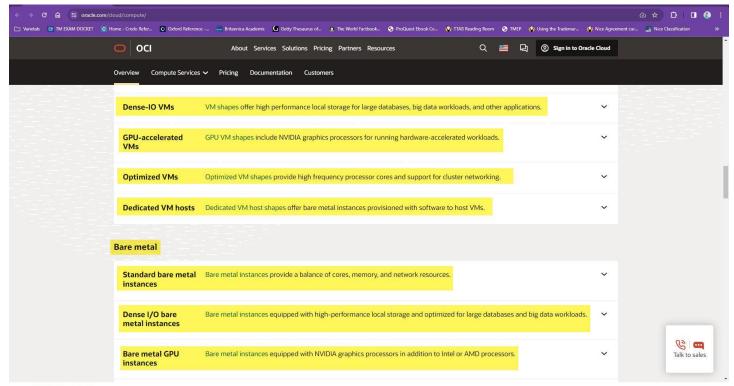
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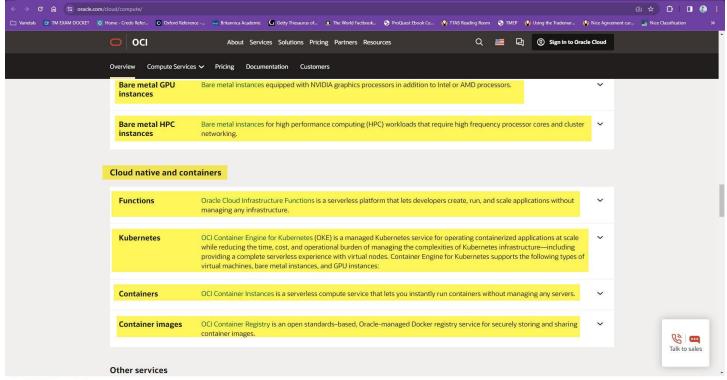
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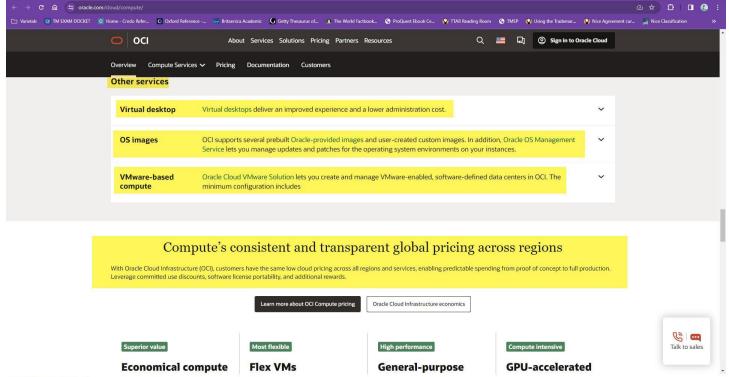
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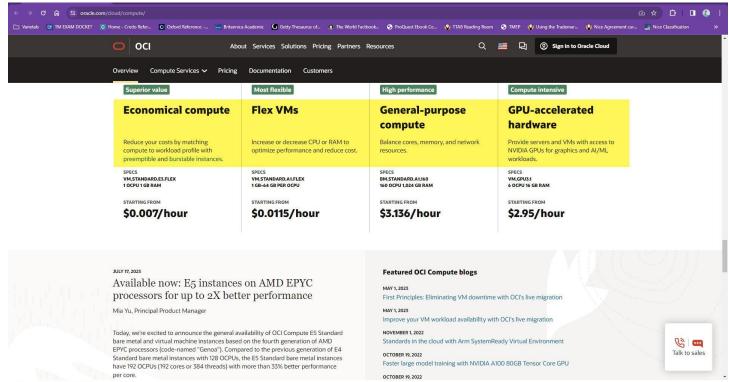
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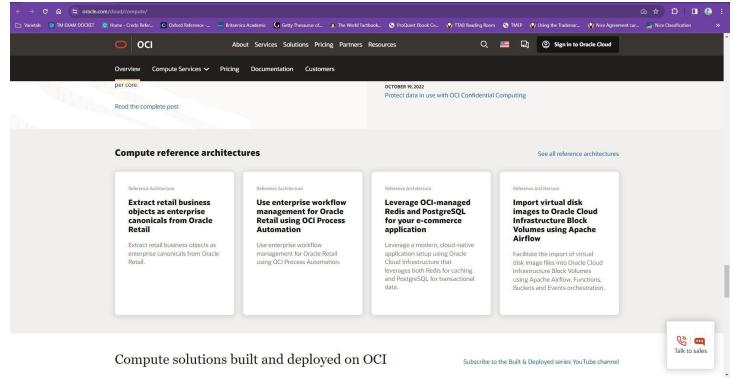
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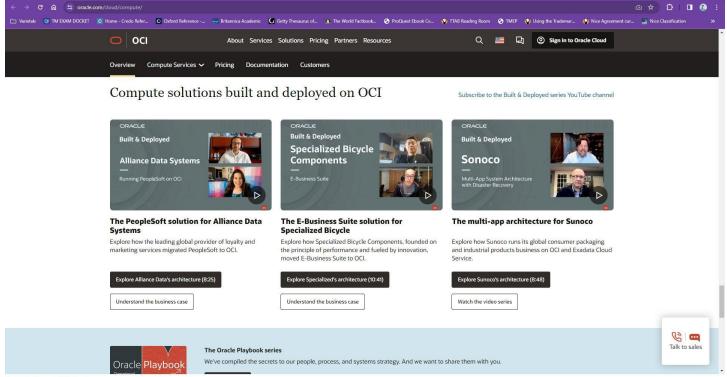
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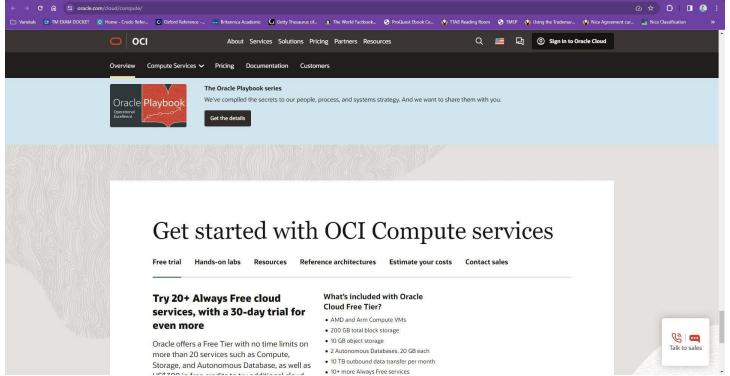
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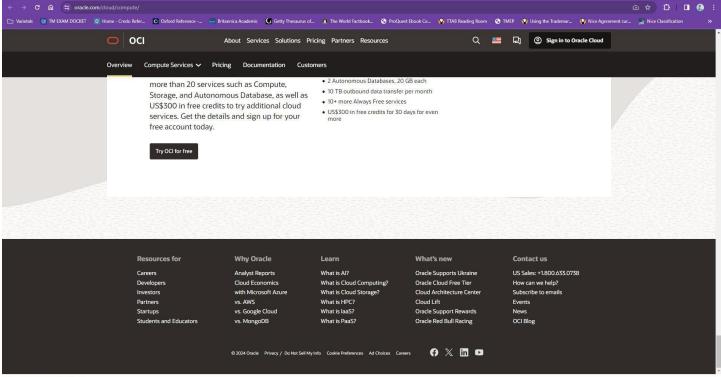
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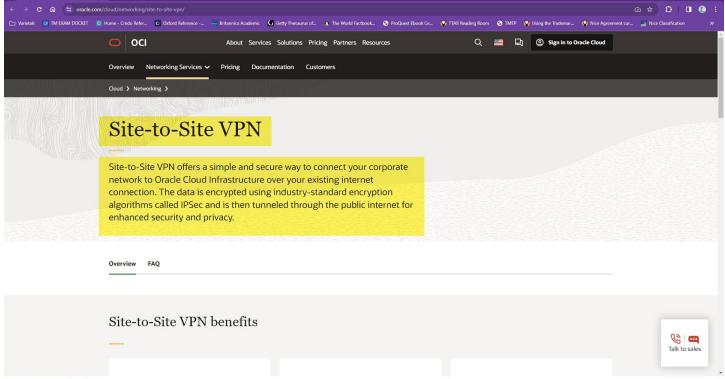
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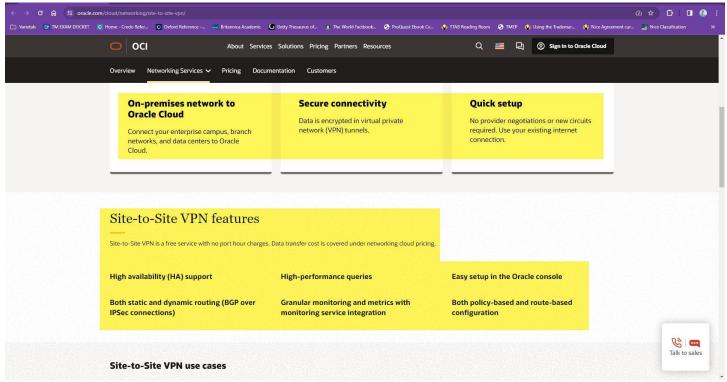
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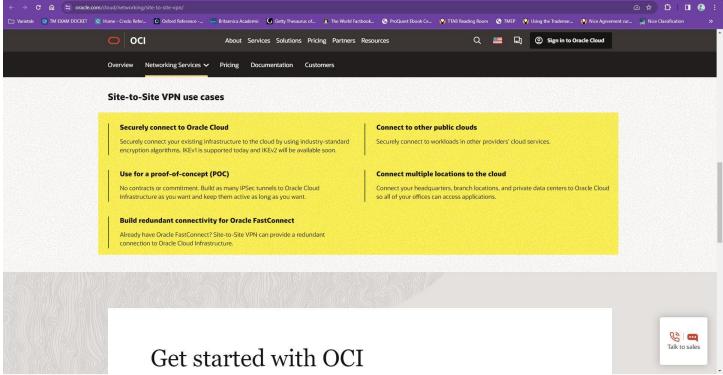
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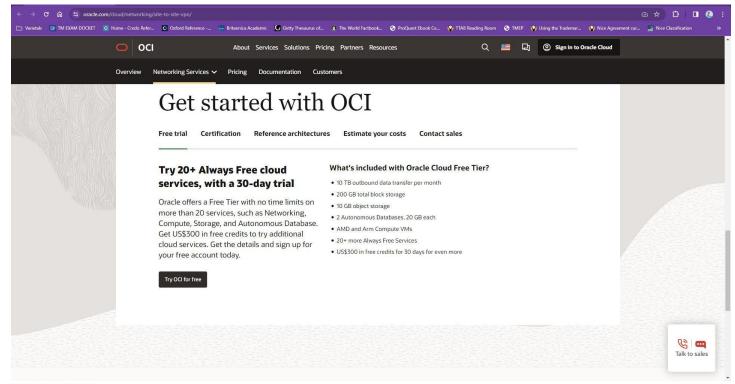
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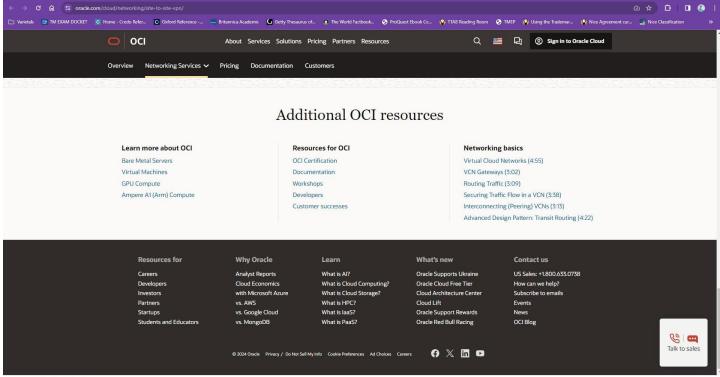
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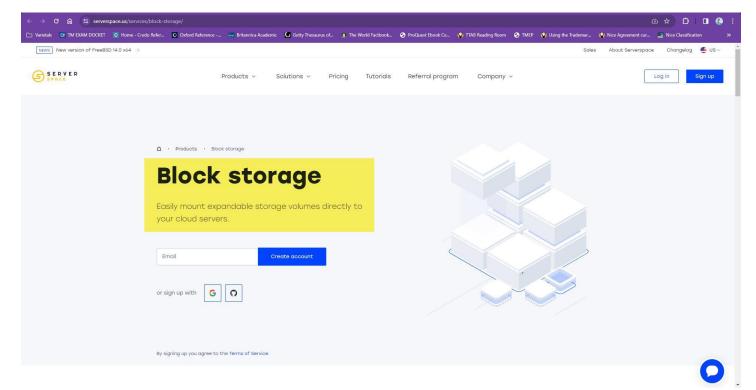
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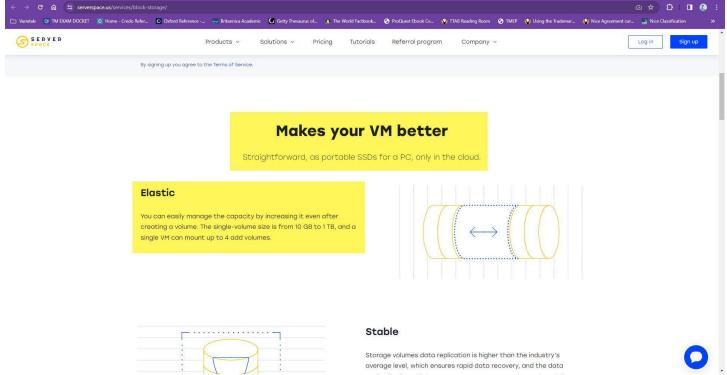
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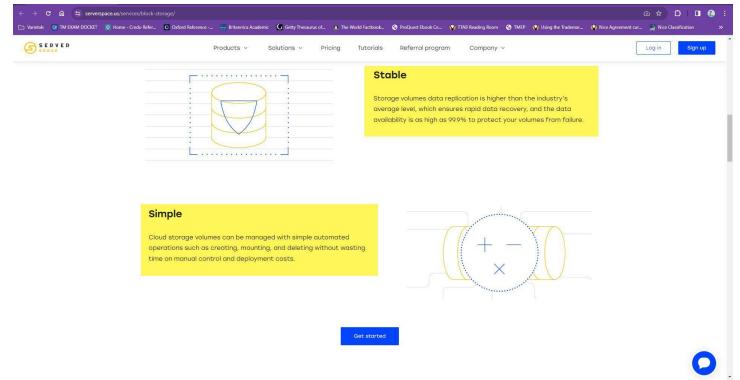
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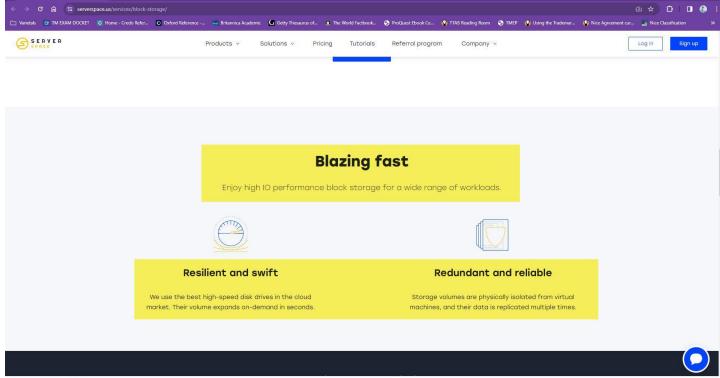


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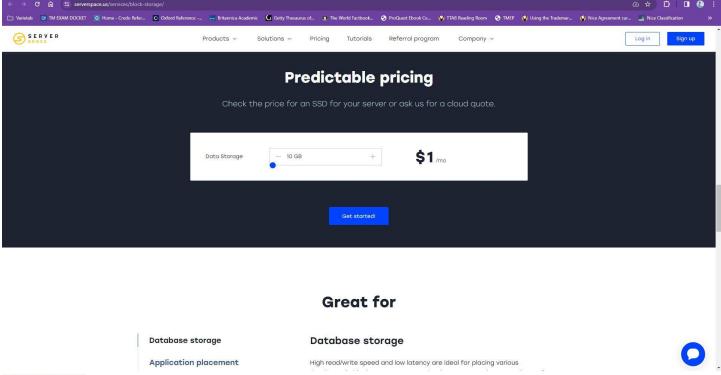


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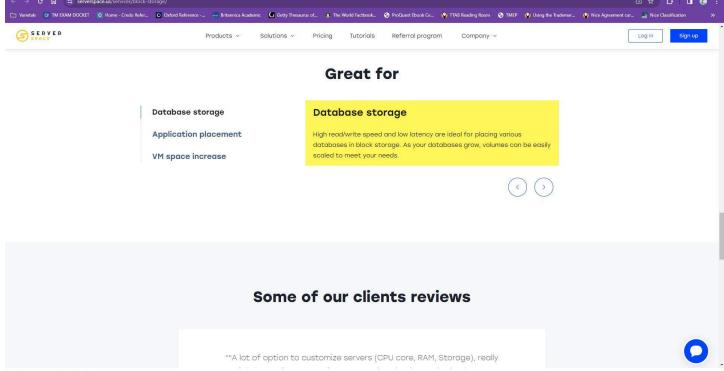




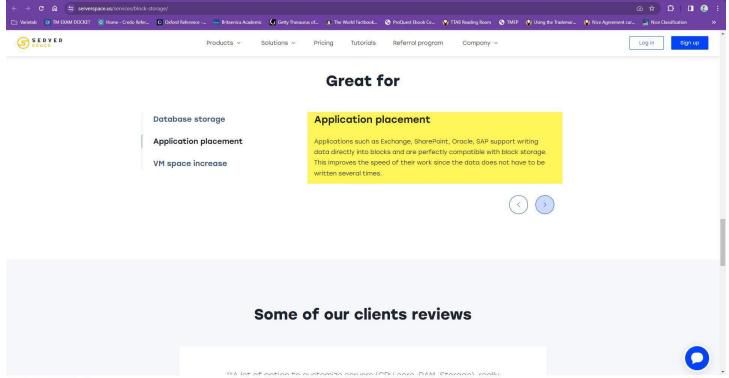
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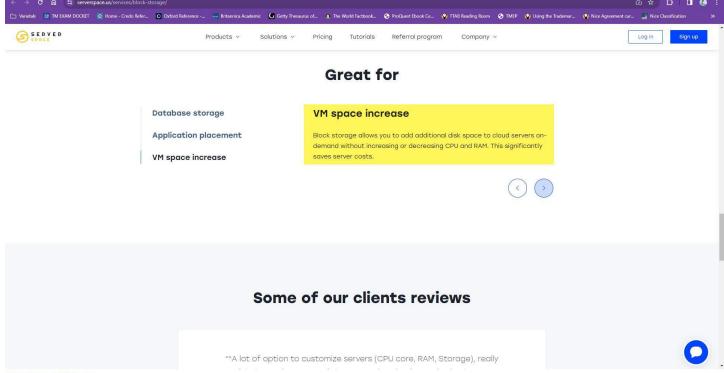
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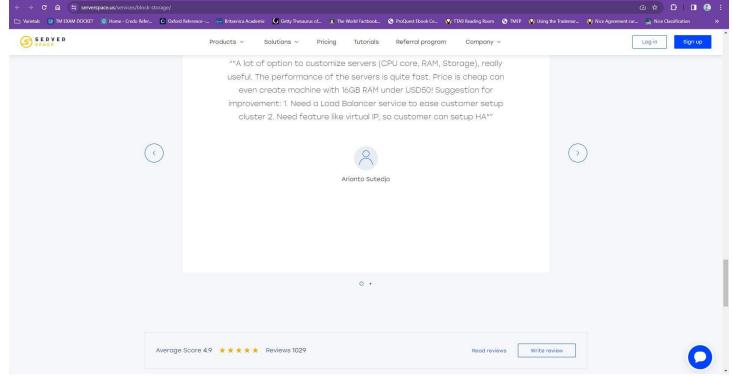
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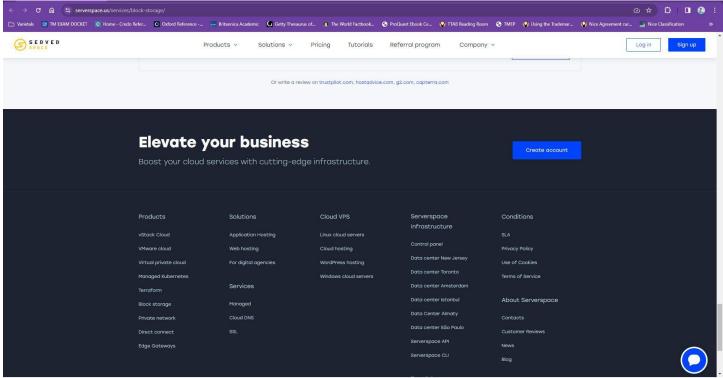
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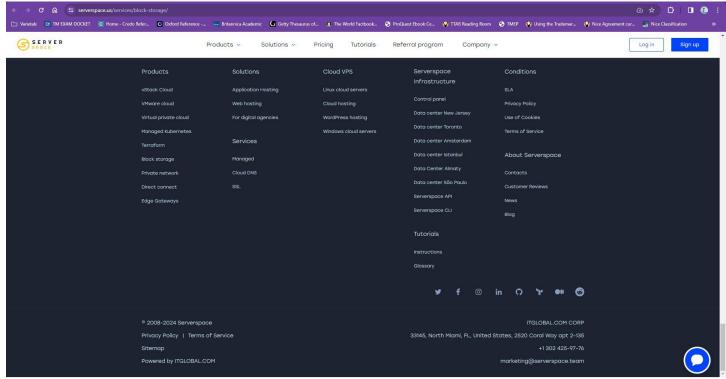
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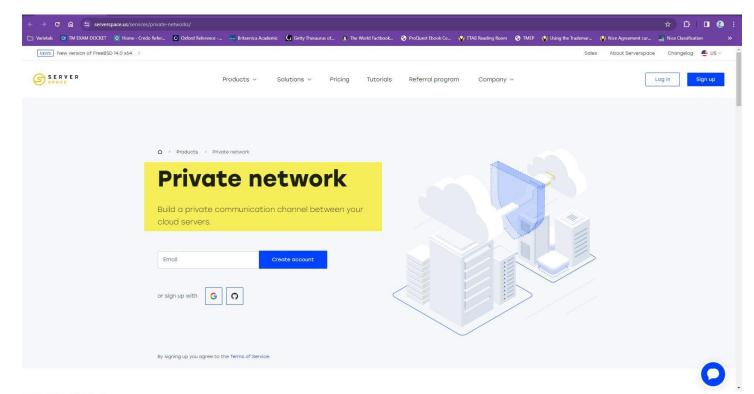
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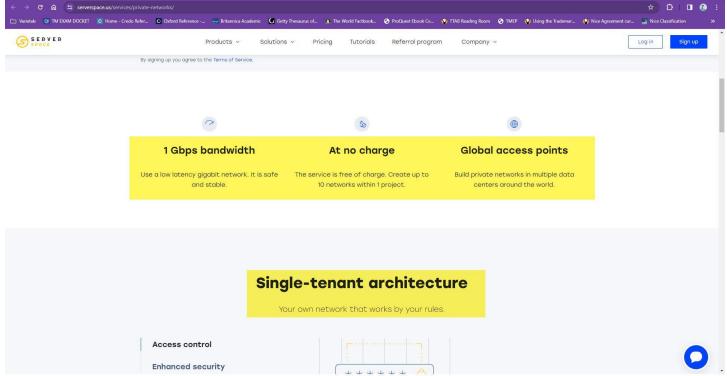
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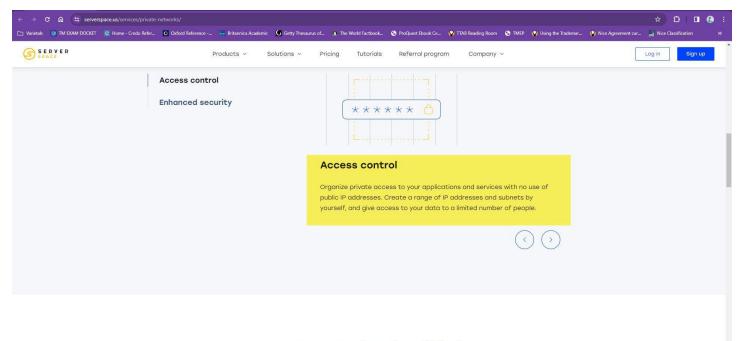
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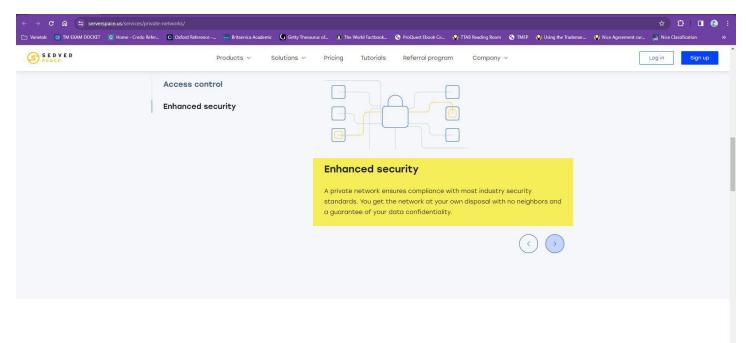


Automated & simplified

We made all the processes so simple that even a beginner can handle



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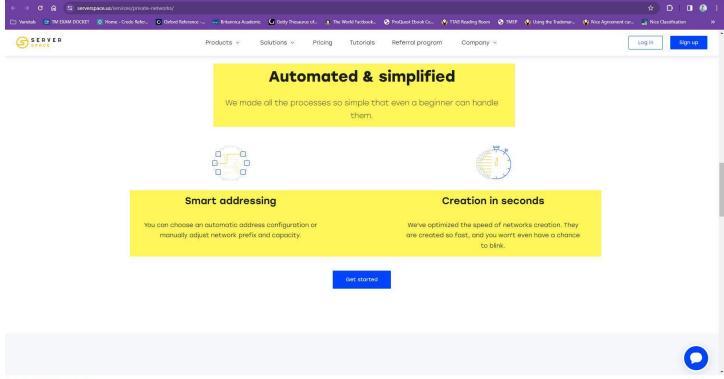


Automated & simplified

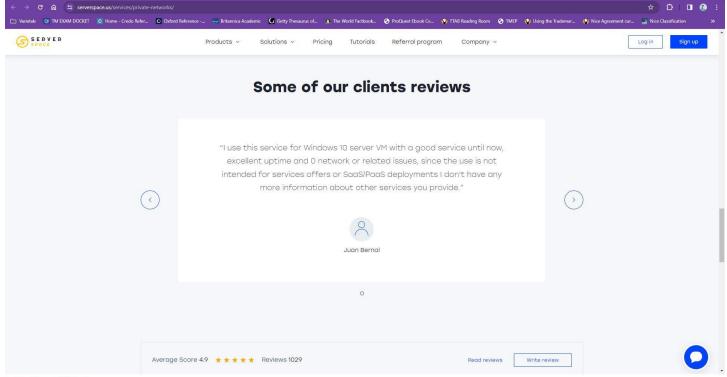
We made all the processes so simple that even a beginner can handle

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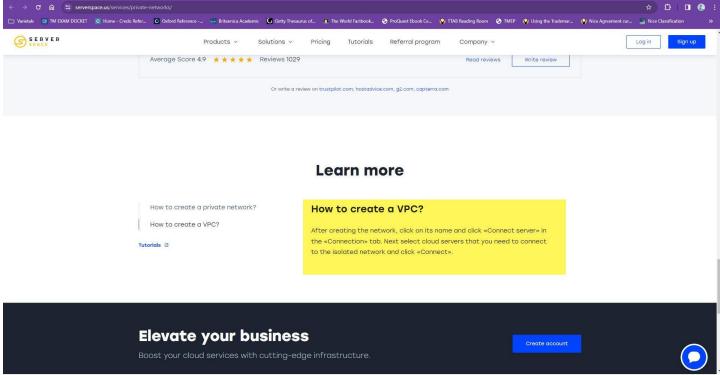
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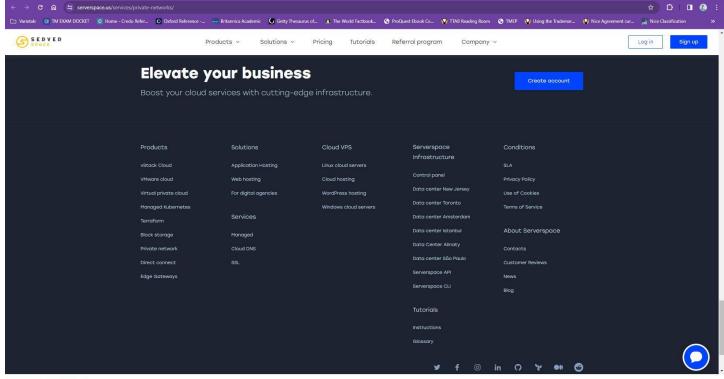
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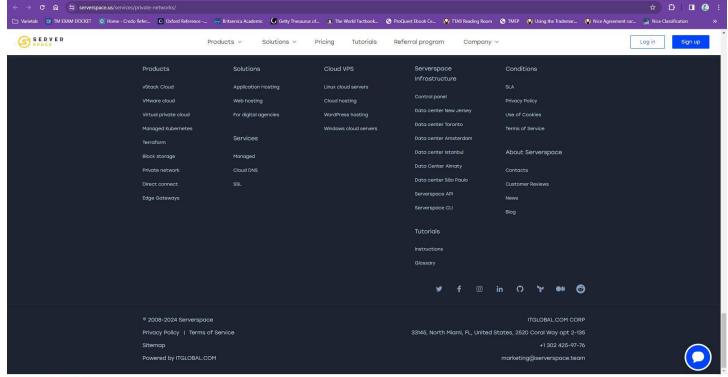
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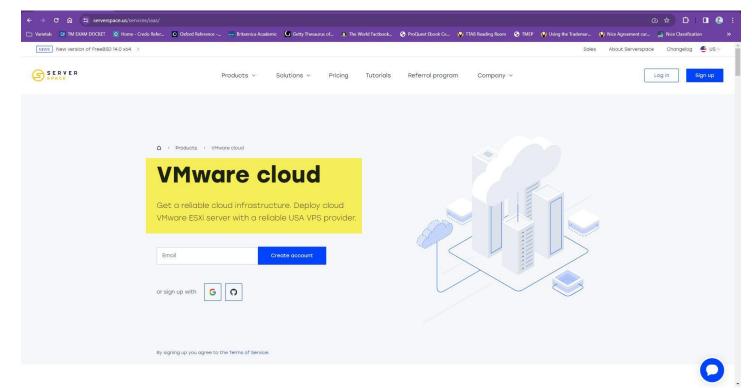
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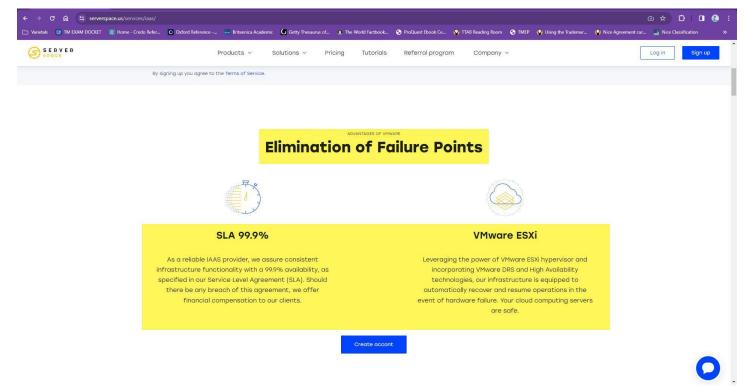
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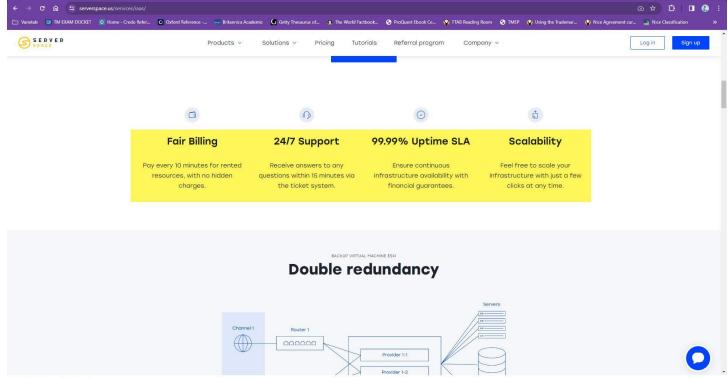
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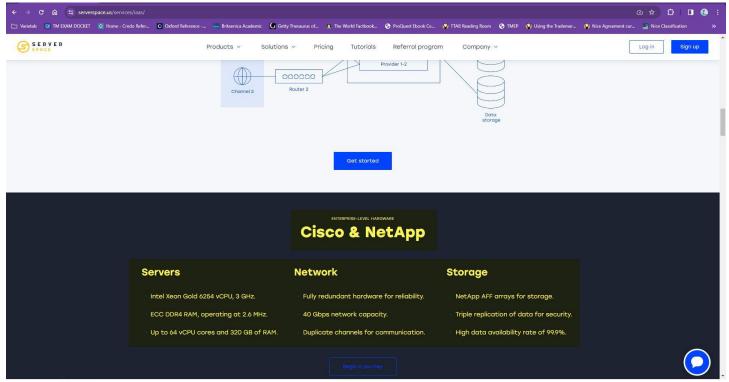
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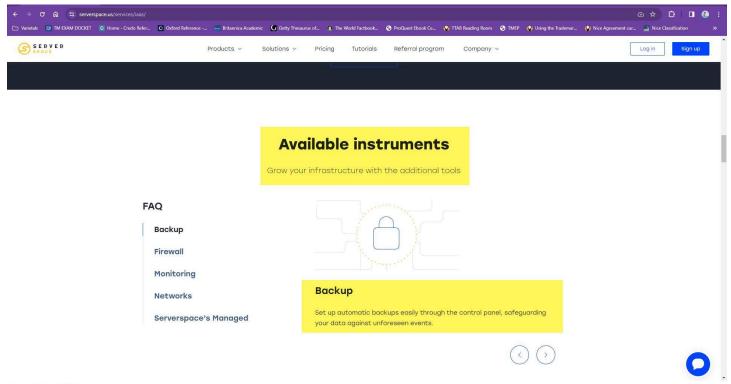
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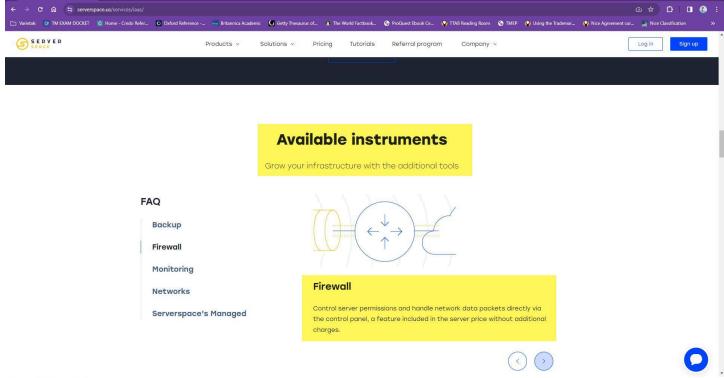
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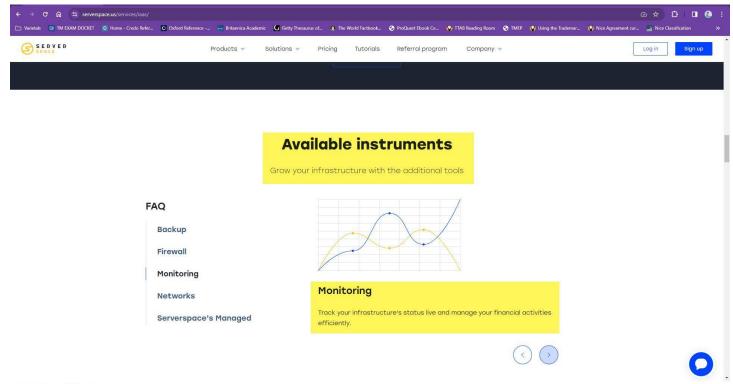
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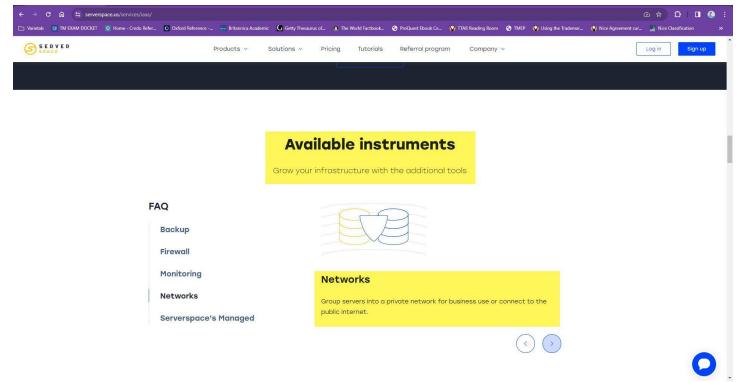
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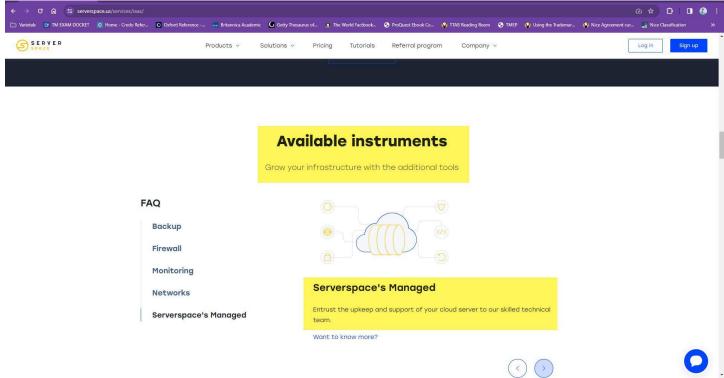
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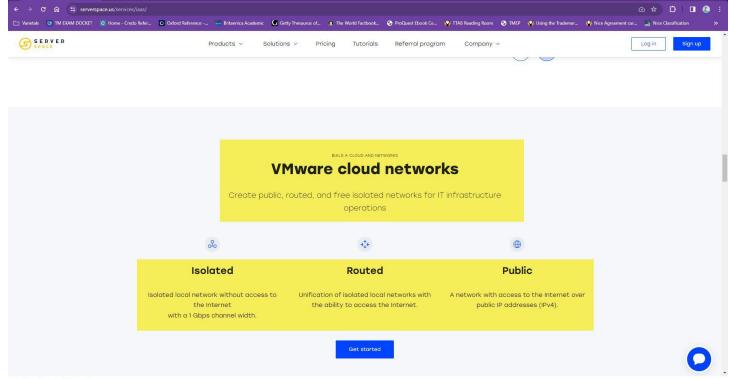
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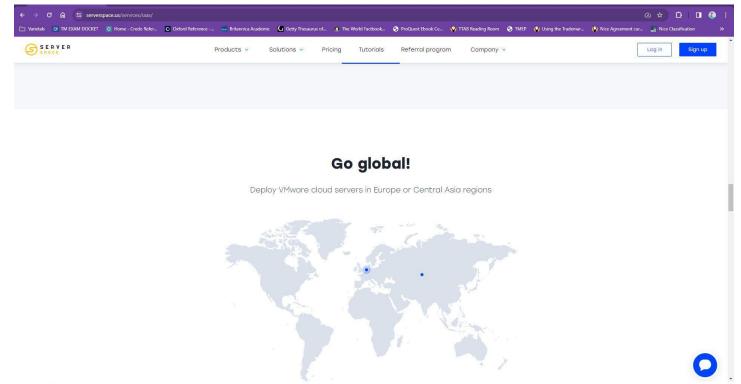
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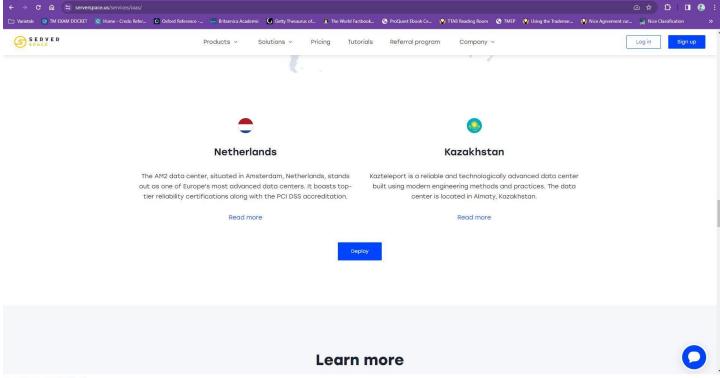
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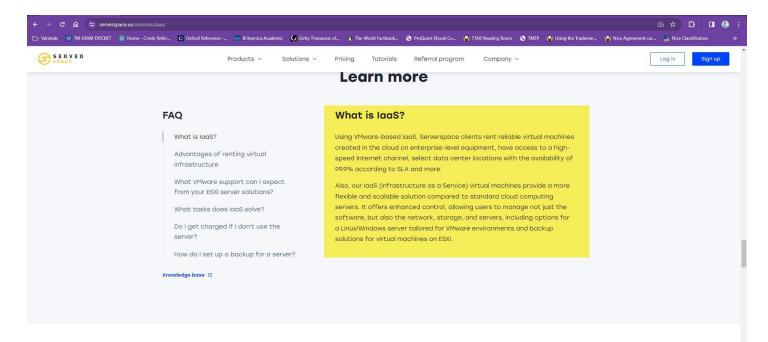
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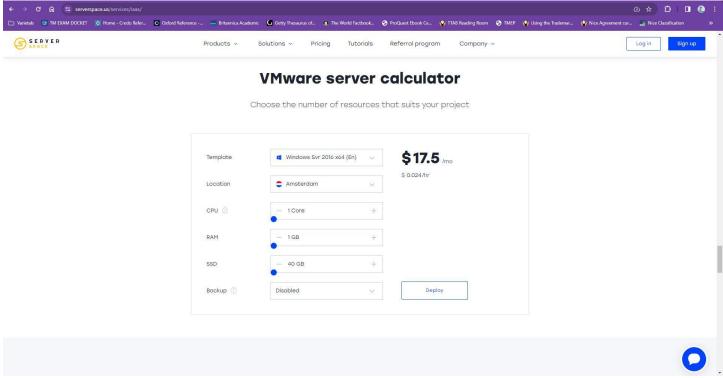
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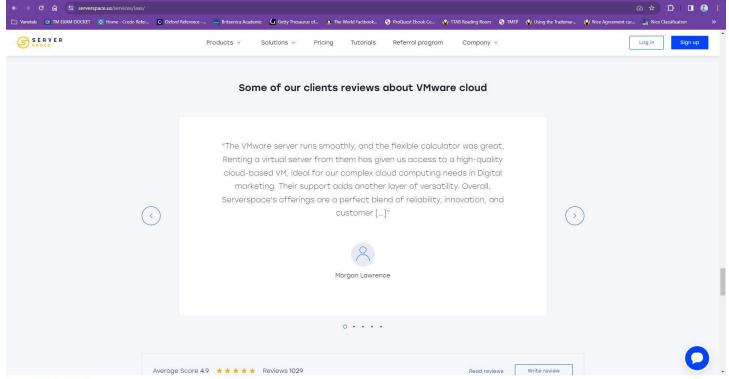
VMware server calculator

Choose the number of resources that suits your project

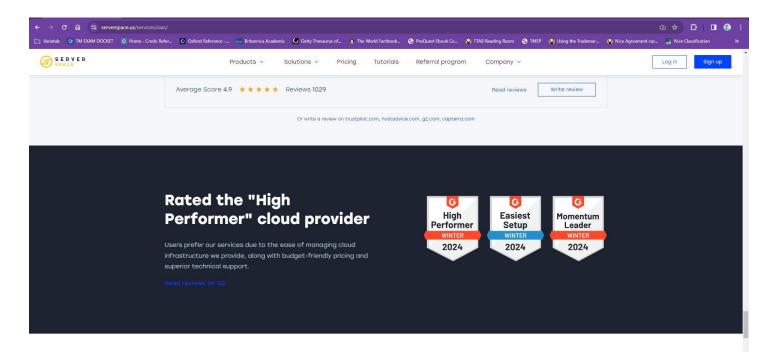




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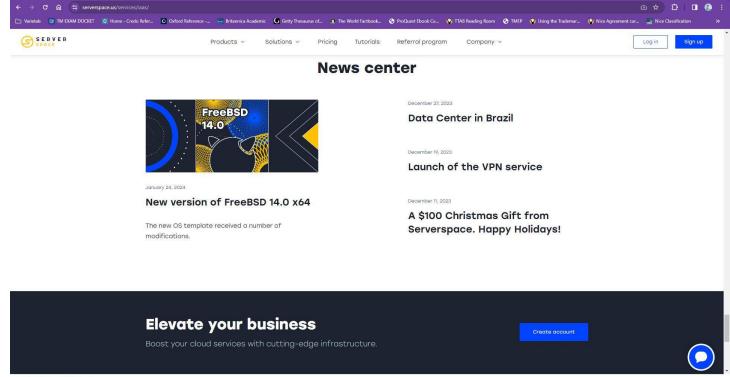
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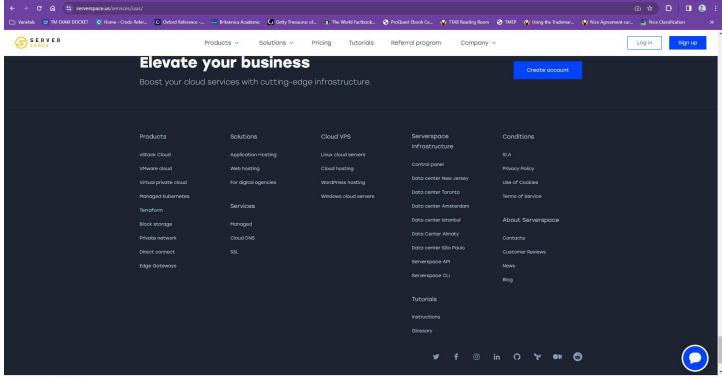
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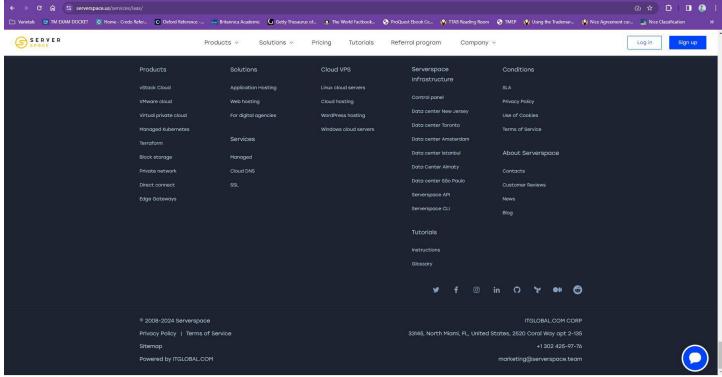
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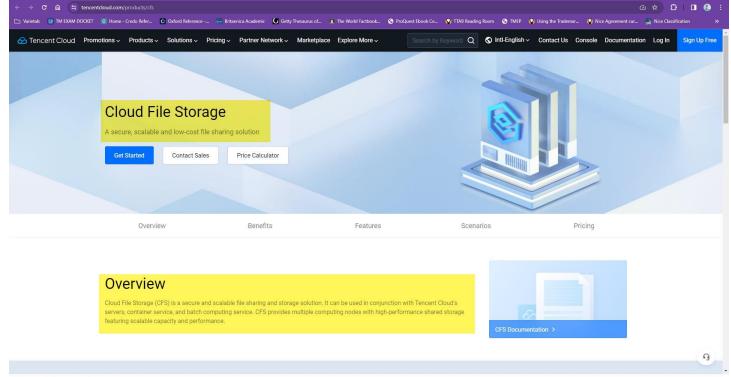
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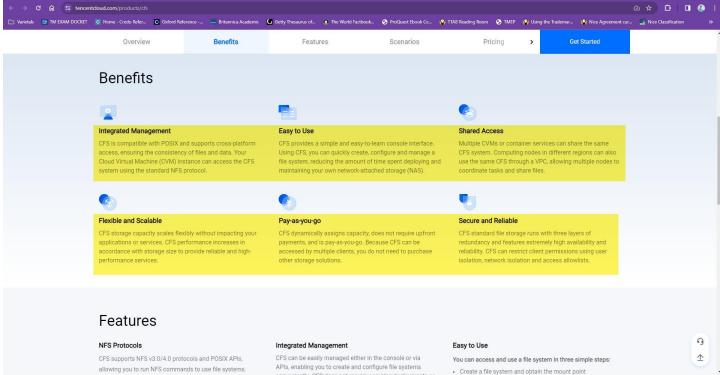
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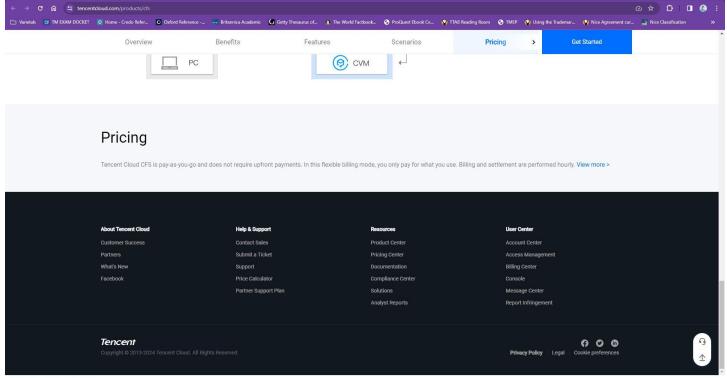
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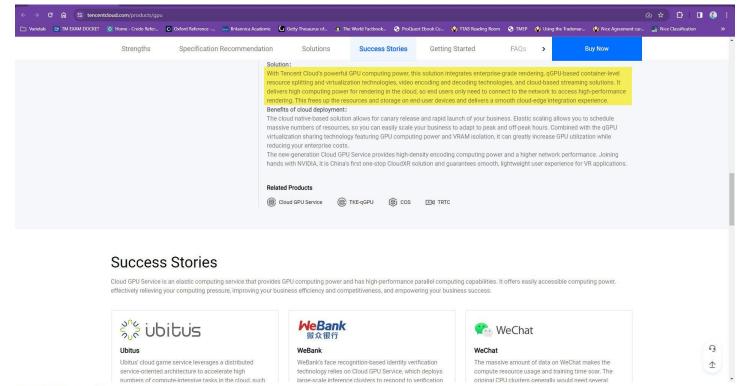
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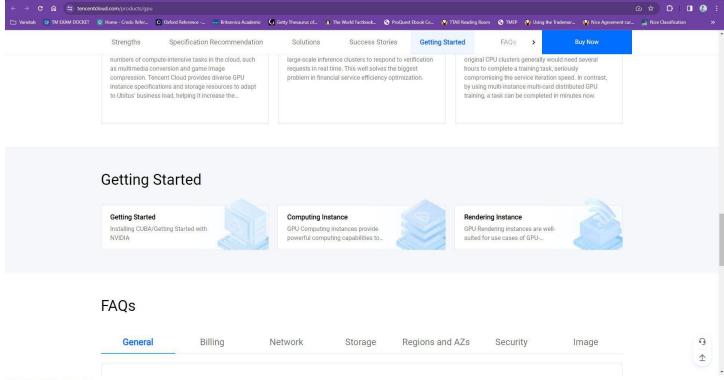
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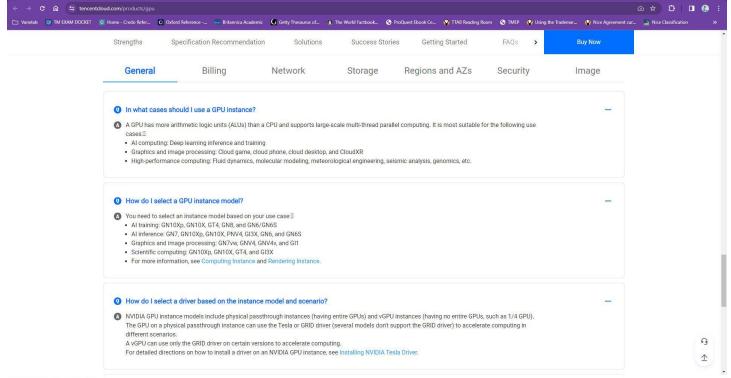
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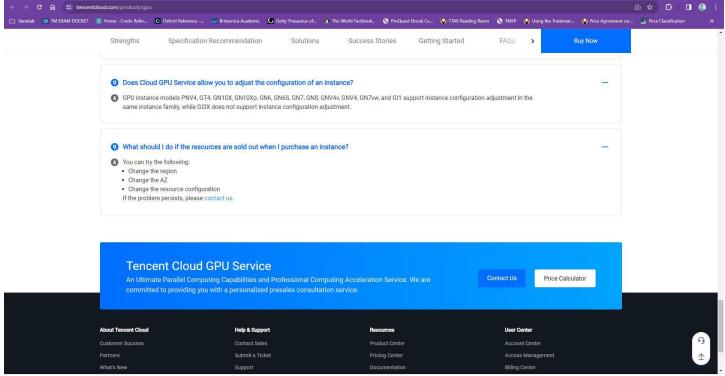
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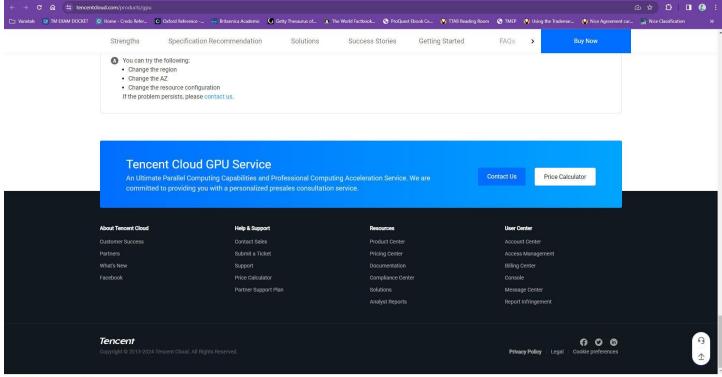
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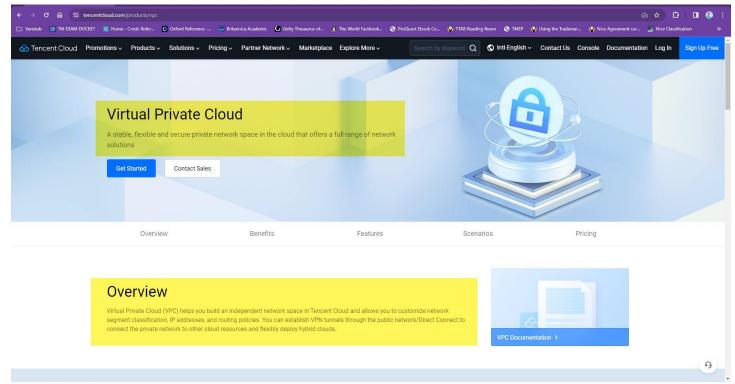
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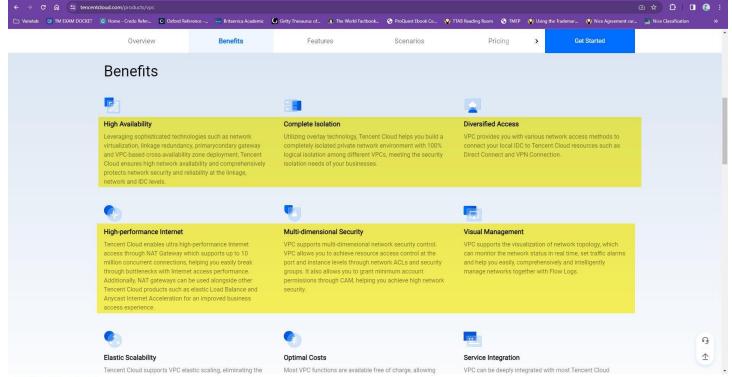
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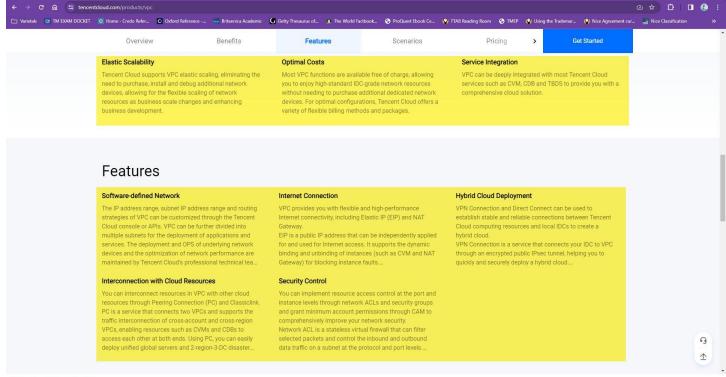
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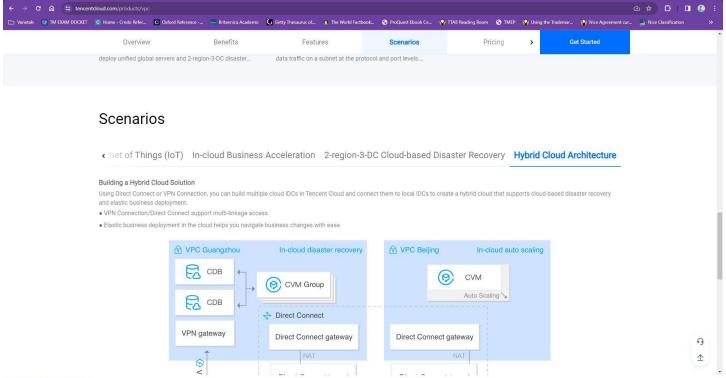
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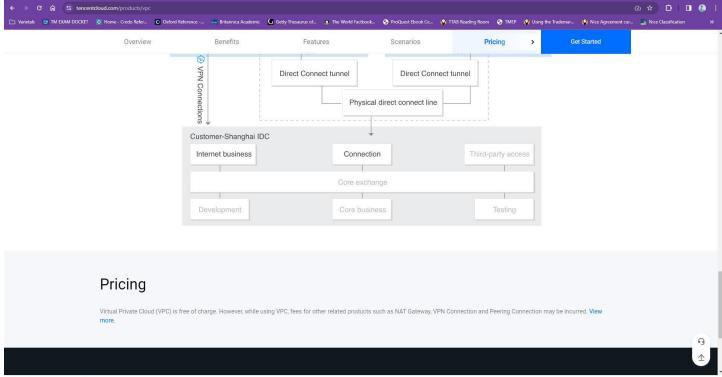
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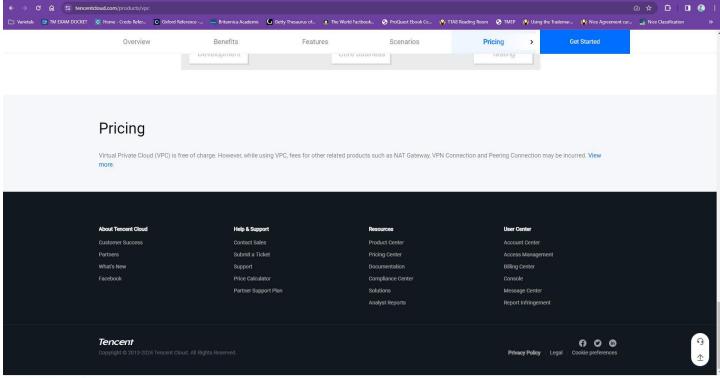
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10:27:10 AM 1/29/2024

United States Patent and Trademark Office (USPTO)

USPTO OFFICIAL NOTICE

Office Action (Official Letter) has issued on January 29, 2024 for U.S. Trademark Application Serial No. 97622822

A USPTO examining attorney has reviewed your trademark application and issued an Office action. You must respond to this Office action to avoid your application abandoning. Follow the steps below.

- (1) Read the Office action. This email is NOT the Office action.
- (2) **Respond to the Office action by the deadline** using the Trademark Electronic Application System (TEAS) or the Electronic System for Trademark Trials and Appeals (ESTTA), as appropriate. Your response and/or appeal must be received by the USPTO on or before 11:59 p.m. **Eastern Time** of the last day of the response deadline. Otherwise, your application will be <u>abandoned</u>. See the Office action itself regarding how to respond.
- (3) **Direct general questions** about using USPTO electronic forms, the USPTO <u>website</u>, the application process, the status of your application, and whether there are outstanding deadlines to the <u>Trademark Assistance Center (TAC)</u>.

After reading the Office action, address any question(s) regarding the specific content to the USPTO examining attorney identified in the Office action.

GENERAL GUIDANCE

- <u>Check the status</u> of your application periodically in the <u>Trademark Status & Document Retrieval (TSDR)</u> database to avoid missing critical deadlines.
- <u>Update your correspondence email address</u> to ensure you receive important USPTO notices about your application.
- Beware of trademark-related scams. Protect yourself from people and companies that may try to take financial advantage of you. Private companies may call you and pretend to be the USPTO or may send you communications that resemble official USPTO documents to trick you. We will never request your credit card number or social security number over the phone. Verify the correspondence originated from us by using your serial number in our database, TSDR, to confirm that it appears under the "Documents" tab, or contact the Trademark Assistance Center.

• Hiring a U.S.-licensed attorney. If you do not have an attorney and are not required to have one under the trademark rules, we encourage you to hire a U.S.-licensed attorney specializing in trademark law to help guide you through the registration process. The USPTO examining attorney is not your attorney and cannot give you legal advice, but rather works for and represents the USPTO in trademark matters.